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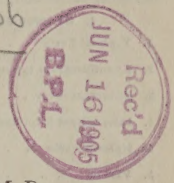
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[3-05-70-350.]

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



3761.9
1905-1906



Statement of Deaths for the month of January, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1905 1,004
Population estimated at 614,522 Rate per 1,000 inhabitants, 19.60

Total number 1,004

SEX.

Males 509
Females 495

CONDITION.

Single 449
Married 348
Widowed 196
Divorced 5
Unknown 6

COLOR.

White 975
Black (Negro or mixed) 27
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 149
 Under 2 years 178
 Under 5 years 215

Diarrhoeal diseases, { Under 1 year 10
 Under 2 years 10
 Under 5 years 10
 All ages 11

NATIVITY.

United States 605
Ireland 201
England 29
Scotland 5
Germany 17
British America 66
Italy 27
Russia 22
Sweden 6
Other Countries 13
Unknown 13

PARENTAGE.

United States 225
Irish 312
English 21
Scotch 8
German 20
British American 58
Italian 55
Russian 38
Swedish 6
Other Countries 58
Mixed 67
One parent unknown 40
Unknown 96
Still-births during the month 509.257

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for
January 1955.

AGE.

SEX.

1. General Diseases.

Typhoid Fever	6									1	1	1	2			1												4	2	
2. Exanthematous typhus																														
3. Recurrent fever																														
4. Intermittent fever and malarial cachexia																														
4a. Malarial cachexia																														
5. Variola																														
6. Measles	4	2	1	1						4																		2	2	
7. Scarlatina	8	1		1	1					3	1	2	1				1											3	5	
8. Whooping cough	4	3		1						4																		1	3	
9. Diphtheria and croup	1		1							1																		1		
9a. Diphtheria	24	4	4	4	2	1	15			7	2																	12	12	
10. Grippe	17	1								1	1	1		2	1	1		1	1	1	3	1	1		2			4	13	
11. Miliary Fever																														
12. Asiatic Cholera																														
13. Cholera nostras																														
14. Dysentery																														
14a. Dysentery, epidemic																														
15. Pest (Plague; bubonic plague)																														
16. Yellow fever																														
17. Leprosy																														
18. Erysipelas	5	2		1						3						1					1							3	2	
19. Other epidemic affections																														
20. Purulent infection and septicemia . . .	10			1						1		1	1		1	2				1		2						6	4	
21. Glanders and farcy																														
22. Malignant pustule and charbon (anthrax)																														
23. Rabies																														
24. Actinomycosis, trichinosis, etc. . . .																														
25. Pellagra																														
26. Tubercle of the larynx																														
27. Tubercle of the lungs	100	2		1	1		4			1	1	8	11	9	15	16	12	7	4	5	5	1	1					68	32	
28. Tubercle of the meninges																														
29. Tubercle, abdominal	3	1					1										1			1									3	
30. Pott's disease																														
31. Abscess, cold and by congestion																														
32. Tumors, white (white swellings)																														
33. Tubercle of other organs	3					1	1					1				1												1	2	
34. Tubercle, generalized	2		2				2																						2	
35. Scrofula																														
36. Syphilis																														
3. Tertiary	1																		1										1	
4. Hereditary	3	3					3																						2	1
37. Bleorrhagia of the adult																														
38. Gonococcal infections of the child . . .																														
39. Cancer and other malignant tumors of the buccal cavity	6																		1	1	1	2	1					5	1	
40. Cancer and other malignant tumors of the stomach and liver	12																2		1	2	6	3	3	2	2				6	15

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1906.	AGE.																											SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
I. General Diseases.—Concluded.																														
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	8											1		2	2	1		1		1							2	6		
42. Cancer and other malignant tumors of the genital organs of the female . . .	8												1		1	3	1	2												
43. Cancer and other malignant tumors of the breast . . .	2													1				1												
44. Cancer and other malignant tumors of the skin . . .																														
45. Cancer and other malignant tumors of organs not specified . . .	15										2			1	3	2	1	1	1	3	1						6	9		
46. Other tumors (tumors of the female genital organs excepted) . . .																														
47. Rheumatism, acute, articular . . .	5									1					2				1		1						2	3		
48. Rheumatism, chronic, and gout. . .	1																		1								1			
49. Scorbutus . . .																														
50. Diabetes . . .	12										2				1	2		2	1	3			1				4	8		
51. Goltre, exophthalmic . . .																														
52. Addison's disease . . .																														
53. Leukemia . . .	2									2																	2			
54. Anemia, chlorosis . . .	3									1			1		1												3			
55. Other general diseases . . .																														
56. Alcoholism, acute and chronic . . .	6										1	1		1	1	1	1										4	2		
57. Saturnism . . .																														
58. Other trade intoxications . . .																														
59. Other chronic poisonings . . .	2										1											1						2		
Total general diseases . . .	282	19	8	10	4	2	43	11	7	9	17	20	20	21	26	22	14	16	23	12	11	5	5				141	141		
II. Diseases of the Nervous System and of the Organs of Sense.																														
60. Encephalitis . . .																														
61. Meningitis, simple . . .	19	6	2	4	1	1	14		1		1	1	2														11	8		
61a. Meningitis, epidemic cerebrospinal . .	5	1	1			1	3					2															4	1		
62. Locomotor ataxia, progressive . . .	2																		2								1	1		
63. Other diseases of the spinal cord . . .	5							2			1	1					1										1	4		
64. Cerebral congestion and hemorrhage . .	58	1				1					1	1	2	2	1	4	8	6	9	8	6	8		1		27	31			
65. Cerebral softening . . .	3																	2	1								1	2		
66. Paralysis, without cause assigned . . .	4														1	1		1		1		1				3	1			
67. General paralysis . . .	2												1					1									2			
68. Other forms of mental alienation . . .																														
69. Epilepsy . . .																														
70. Eclampsia (non-puerperal) . . .	1	1				1																					1			
71. Convulsions of children . . .	8	6	2			8																					5	3		
72. Tetanus . . .	1	1				1																					1			
73. Chorea . . .																														
74. Hysteria . . .																														
74b. Other affections of the nervous system .	5								1	1			1	1			1										3	2		
75. Diseases of the eye and appendages . .																														
76. Diseases of the ear . . .	2	1				1																			1			2		
Total of the nervous system, etc., . . .	115	16	6	4	1	2	29		3	1	2	5	3	5	3	2	5	10	10	12	8	7	8		2		60	55		
III. Diseases of the Circulatory Apparatus.																														
77. Pericarditis . . .																														

CAUSES OF DEATH.

CAUSES OF DEATH.	AGE.																								SEX.		
	Total Mortality for January, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	3									2											1					1	2
79. Organic diseases of the heart	95	3				3	3	2		2	2	4	7	8	9	7	12	10	6	7	4	6	2	1		45	
80. Angina pectoris	1																	1								1	
81. Affections of the arteries (atheroma, aneurism, etc.)	11										1					1	1		1	1	1	3	1	1		5	6
82. Embolism and thrombosis	1											1														1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	5	1		1			2					1		1			1									2	3
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	116	4		1			5	3	2	2	2	3	6	7	9	9	8	14	11	7	9	5	9	3	2	53	63
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	20	9				9						1					2		3	2	1	2				9	11
91. Bronchitis, chronic	11									1		1			2		1	1		2	1	1	1			4	7
92. Broncho-pneumonia	34	9	8	3		1	21	1				1	2		1		3		1	1	3					14	20
93. Pneumonia	135	13	7	3	1		24	2	2	1	10	5	6	5	7	14	9	15	6	9	5	3	1	2		75	60
94. Pleurisy	5	1				1				1			2					1								2	3
95. Pulmonary congestion and apoplexy .	1	1				1																				1	
96. Gangrene of the lung						1																					
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)																											
Total respiratory apparatus	206	33	15	6	1	1	56	3	2	3	10	6	12	5	8	11	17	12	17	10	14	10	6	2	2	105	101
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa.																											
101. Affections of the pharynx	2	1				1				1																1	1
102. Affections of the esophagus																											
103. Ulcer of the stomach																											
104. Other affections of the stomach (cancer excepted)	8																1	1	1	2		2	1			3	5
105. Diarrhœa and enteritis (under two years)	10	10				10																				6	4
105a. Diarrhœa and enteritis, chronic . . .	1																			1							1
106. Diarrhœa and enteritis (two years and over)																											
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions . . .	7										1	1			2				1		1		1			2	5
109. Other affections of the intestines . .																											
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	7													1		3			1	2						6	1
113. Biliary calculi	1																		1								1
114. Other affections of the liver	3																1	1	1								3
115. Affections of the spleen	1											1															1

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH		Total Mortality for January, 1905.	AGE.																				SEX.							
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
V. Diseases of the Digestive Apparatus. —Concluded.																														
116.	Peritonitis, simple (puerperal excepted),		10								2	2	1	3	1	1													3	7
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),																													
118.	Appendicitis and abscess of the illac fossa		6					2				1	2		1													6		
	Total digestive apparatus		56	11				11	2			3	4	5	3	3	3	3	4	2	3	3	5	1	2	2		29	27	
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																														
119.	Nephritis, acute		34					1				1	1	1	4		3	6	7	3	3	3	2	2				14	20	
120.	Bright's disease		23								1	1		4	2	3	2	2	4	1	2			1				14	9	
121.	Other diseases of the kidneys and their adnexa		1																			1						1		
122.	Calculi of the urinary tract		1																			1						1		
123.	Diseases of the bladder																													
124.	Diseases of the urethra, urinary abscess, etc.																													
125.	Diseases of the prostate		2																1			1					2			
126.	Non-venereal diseases of the male genital organs																													
127.	Metritis																													
128.	Hemorrhage, uterine, non-puerperal																													
129.	Tumor, uterine, non-cancerous		1									1																1		
130.	Other diseases of the uterus		2								1									1								2		
131.	Cysts and other tumors of the ovary																													
132.	Other diseases of the female genital organs		1												1													1		
133.	Diseases of the breast, non-puerperal (cancer excepted)																													
	Total of genito-urinary		65					1			2	2	2	5	7	3	5	9	12	4	8	2	3				32	33		
VII. Puerperal State.																														
134.	Accidents of pregnancy		3							1		1	1															3		
135.	Hemorrhage, puerperal																													
136.	Other accidents of labor		1									1																1		
137.	Septicemia, puerperal		3									1	2															3		
138.	Albuminuria and puerperal eclampsia,		4								1	1	1	1														4		
139.	Phlegmasia alba dolens, puerperal																													
140.	Other puerperal accidents—sudden death																													
141.	Puerperal diseases of the breast																													
	Total puerperal		11							2	1	2	4	2														11		
VIII. Diseases of the Skin and Cellular Tissue.																														
142.	Gangrene		1																	1								1		
143.	Furuncle (carbuncle)																													
144.	Phlegmon, warm abscess		1		1		1																					1		
145.	Other diseases of the skin and its adnexa																													
	Total skin tissue		2		1		1													1								2		
IX. Diseases of the Organs of Locomotion.																														
146.	Affections of the bones (non-tuberculous)																													
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																													
148.	Amputation																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for January, 1905.		AGE.																												SEX.	
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.				
IX. Diseases of the Organs of Locomotion.—Concluded.																																	
149. Other affections of the organs of locomotion																																	
Total organs locomotion																																	
X. Malformations.																																	
150. Malformations, congenital (still-births excepted)																																	
XI. Early Infancy.																																	
151. Congenital debility, icterus and sclerema																																	
152. Other diseases appertaining to infancy,																																	
153. Lack of care																																	
Total early infancy																																	
XII. Old Age.																																	
154. Senile debility																																	
XIII. Affections Produced by External Causes.																																	
155. Suicide by poison																																	
156. Suicide by asphyxia																																	
157. Suicide by hanging or strangulation																																	
158. Suicide by submersion																																	
159. Suicide by firearms																																	
160. Suicide by cutting instruments																																	
161. Suicide by jumping from high places																																	
162. Suicide by crushing																																	
163. Other suicides																																	
164. Fractures																																	
165a. Luxations																																	
166. Other accidental traumatisms																																	
167. Burns and scalds																																	
168. Burns by corrosive substances																																	
169. Insolation																																	
170. Freezing																																	
171. Electrical disturbances																																	
172. Accidental submersion																																	
173a. Inanition																																	
174. Absorption of deleterious gases (suicide excepted)																																	
175. Other acute poisonings																																	
176. Other external violence																																	
Total affections, etc.																																	
XIV. Ill-defined Diseases.																																	
177. Dropsy																																	
178. Sudden death																																	
179. Non-specified or ill-defined causes of death																																	
Total ill-defined diseases																																	
Total from all causes,																																	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,512. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JAN. 1905.	JAN. 1904.	JAN. 1905.	JAN. 1904.		JAN. 1905.	JAN. 1904.	JAN. 1905.	JAN. 1904.
Cholera	—	—	—	—	Measles	43	721	2	—
Chicken-pox	60	44	—	—	Scarlatina	134	171	—	—
Cerebro-spinal Meningitis . .	1	1	—	—	Smallpox	2	—	—	1
Diphtheria and Croup . . .	172	270	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	50	30	—	—
Tuberculosis	203	150	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,198	Cattle condemned, 11	5,884 lbs.
Calves "	756	Calves "	—
Sheep "	505	Sheep "	—
Hogs "	2,215	Hogs "	—

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 828 lbs.		Miscellaneous, 1½ bushels.
Poultry (tainted) 12 "		Fruit, 12 "
Pork " 932 "		
Mutton " 75 "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	708
" "	" " Wagons	410
" "	" brought in by Citizens	14
" "	" for bacteriological examination	193
" "	Vinegar	94
" "	Butter and Cheese	119
	Total Samples,	1,538

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis	78	GLANDERS:	Positive	6
	Positive release	45		Negative	4
	Negative diagnosis	541		Unsatisfactory	6
	Negative release	162	Other examinations:* Positive	9	16
	"No growth" cultures "	20		Negative	10
TUBERCULOSIS:	Positive	75		Unsatisfactory	1
	Negative	272	Milk samples collected and examined	192	20
TYPHOID:	Positive	11			192
	Negative	77		Total examinations	1,511
	Unsatisfactory	2			

*Includes malaria, gonorrhoea, pneumococcus, influenza, virulence, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

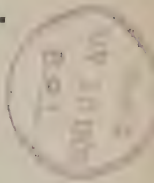
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.78	46	72	W.	.00	Mean Barometer, 30.07.
2	29.72	43	87	S.W.	.13	Highest Barometer, 30.65 on the 11th.
3	29.67	30	96	N.E.	.55	Lowest Barometer, 29.44 on the 4th.
4	29.70	12	78	N.W.	.57	Monthly Range of Barometer, 1.21.
5	30.45	10	68	N.W.	.00	Mean Temperature, 25.1°.
6	30.50	19	96	N.	.25	Highest Temperature, 63° on the 1st.
7	29.58	43	91	S.E.	1.29	Lowest Temperature, 4° on the 6th.
8	29.88	31	62	S.W.	.00	Monthly Range of Temperature, 48°.
9	30.56	30	56	S.W.	.00	Greatest Daily Range of Temperature, 30° on the 6th.
10	30.41	31	55	W.	.00	Least Daily Range of Temperature, 7° on the 30th.
11	30.64	25	54	N.W.	.00	Mean Daily Range of Temperature, 14.8°.
12	30.01	30	93	S.E.	.47	Mean Daily Dew-point, 15.6.
13	30.17	27	93	N.W.	.00	Mean Daily Relative Humidity, 68.4.
14	30.28	15	51	N.W.	.00	Prevailing Direction of Wind, N.W.
15	30.26	14	53	S.W.	.00	Total Movement of Wind, 9,705 miles.
16	30.01	24	56	S.W.	.00	Highest Velocity of Wind and Direction, 44 miles, S.E. on the 7th.
17	29.97	28	61	S.W.	.00	Number of Foggy Days, 1. Number of Fair Days, 8.
18	30.14	32	74	W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 12.
19	29.70	39	76	S.W.	.00	Total Number of Days on which Rain or Snow fell, 10.
20	29.94	34	48	W.	.00	Depth of Unmelted Snow on ground at end of month, 8.8 inches.
21	30.18	28	66	S.E.	*T	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.03	28	84	N.W.	.11	Dates of Solar Halos, none. Thunder Storm, none.
23	30.28	17	52	N.W.	.00	Dates of Frosts, none.
24	30.14	16	86	N.	.09	Mean Maximum Temperature, 32.5°. Mean Minimum Temperature, 17.7°.
25	29.65	17	98	N.	.81	MEAN TEMPERATURE for this month in
26	29.81	10	60	N.W.	*T	Total Precipitation for this Month in Inches.
27	30.06	20	52	W.	.00	1871 36.0 1871 0.92
28	29.99	24	62	S.W.	.02	1872 27.4 1872 2.11
29	30.33	20	59	W.	.00	1873 25.9 1873 5.76
30	30.44	20	66	N.	.00	1874 30.8 1874 4.32
31	30.88	16	60	N.	.00	1875 20.4 1875 3.63
TOTALS.....	—	—	—	—	4.09	1876 29.8 1876 1.87
MEANS.....	30.07	25.1	68.4	N.W.	.130	1877 23.2 1877 3.33
						1878 27.6 1878 7.60
						1879 23.9 1879 2.79
						1880 34.8 1880 3.72
						1881 21.9 1881 7.21
						1882 26.4 1882 3.68
						1883 25.1 1883 3.59
						1884 23.8 1884 6.27
						1885 27.0 1885 5.33
						1886 25.9 1886 7.08
						1887 25.9 1887 4.86
						1888 20.0 1888 3.26
						1889 33.8 1889 4.11
						1890 32.4 1890 2.60
						1891 31.1 1891 4.39
						1892 28.3 1892 4.62
						1893 20.7 1893 2.56
						1894 30.1 1894 3.01
						1895 28.8 1895 3.79
						1896 24.0 1896 2.25
						1897 28.4 1897 3.16
						1898 28.7 1898 3.50
						1899 29.0 1899 4.19
						1900 30.0 1900 4.20
						1901 27.6 1901 1.56
						1902 26.6 1902 1.65
						1903 26.6 1903 3.43
						1904 22.0 1904 4.50
						1905 25.1 1905 4.09

*T indicates trace of precipitation.

Average mean temperature for 35 years, 27°.

Average monthly precipitation for 35 years, 3.82.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1905 911
Population estimated at 614,522 Rate per 1,000 inhabitants, 17.80

Total number	911	NATIVITY.	
SEX.		United States	506
Males	489	Ireland	178
Females	422	England	12
CONDITION.		Scotland	9
Single	386	Germany	18
Married	324	British America	55
Widowed	183	Italy	21
Divorced	5	Russia	19
Unknown	13	Sweden	6
COLOR.		Other Countries	14
White	879	Unknown	13
Black (Negro or mixed)	31	PARENTAGE.	
Indian	—	United States	216
Chinese	1	Irish	273
Japanese	—	English	13
AGE.		Scotch	12
Total deaths of children, { Under 1 year	131	German	25
{ Under 2 years	159	British American	58
{ Under 5 years	190	Italian	38
Diarrhoeal diseases, { Under 1 year	12	Russian	32
{ Under 2 years	12	Swedish	5
{ Under 5 years	12	Other Countries	54
{ All ages	16	Mixed	50
		One parent unknown	55
		Unknown	80
		Still-births during the month	58

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for
February, 1906.

AGE.

SEX.

I. General Diseases.																										
1. Typhoid Fever	8									2	2	1		2	1						7	1				
2. Exanthematous typhus																										
3. Recurrent fever																										
4. Intermittent fever and malarial cachexia																										
4a. Malarial cachexia																										
5. Variola																										
6. Measles	1	1				1															1					
7. Scarlatina	3	1	1		1	3															2					
8. Whooping cough	1	1				1															1					
9. Diphtheria and croup	1			1	2		1	4													3	1				
9a. Diphtheria	10	2	2	1	3	1	9						1								6	4				
10. Grippe	19	2				2						1			1	1	2	1	1	3	3	2	1	1	5	14
11. Miliary Fever																										
12. Asiatic Cholera																										
13. Cholera nostras																										
14. Dysentery																										
14a. Dysentery, epidemic																										
15. Pest (Plague; bubonic plague)																										
16. Yellow fever																										
17. Leprosy																										
18. Erysipelas	2															1	1							2		
19. Other epidemic affections																										
20. Purulent infection and septicemia	6		1			1					1			2	1	1								4	2	
21. Glanders and farcy																										
22. Malignant pustule and charbon (anthrax)																										
23. Rabies																										
24. Actinomycosis, trichinosis, etc.																										
25. Pellagra																										
26. Tubercle of the larynx																										
27. Tubercle of the lungs	115	1	3		1	5		3	6	17	12	15	15	11	9	10	3	4	3	1		1		64	51	
28. Tubercle of the meninges	9	4		1	1	7	1						1											6	3	
29. Tubercle, abdominal	1			1		1																		1		
30. Pott's disease																										
31. Abscess, cold and by congestion																										
32. Tumors, white (white swellings)																										
33. Tubercle of other organs	1									1														1		
34. Tubercle, generalized																										
35. Scrofula																										
36. Syphilis																										
3. Tertiary																										
4. Hereditary																										
37. Blennorrhagia of the adult	1	1				1																		1		
38. Gonococcal infections of the child																										
39. Cancer and other malignant tumors of the buccal cavity	4													1	1		1		1					4		
40. Cancer and other malignant tumors of the stomach and liver	11									1						2	2	3	1		2			4	7	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for		AGE.																				SEX.				
		February, 1905.																						Males.	Females.			
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
I. General Diseases. — Concluded.																												
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6														2	1	1	1		1					4	2	
42.	Cancer and other malignant tumors of the genital organs of the female	3											1		2	1	1											
43.	Cancer and other malignant tumors of the breast	4											1		1	1			1									
44.	Cancer and other malignant tumors of the skin												1		1	1												
45.	Cancer and other malignant tumors of organs not specified	6								2			1			1	1		1		1					3	3	
46.	Other tumors (tumors of the female genital organs excepted)																											
47.	Rheumatism, acute, articular	6						1	1	1	1	1	1								1					3	3	
48.	Rheumatism, chronic, and gout.	3							1			1					1									1	2	
49.	Scorbutus																											
50.	Diabetes	8											1				1	1	2	1	1			1		4	4	
51.	Goltre, exophthalmic																											
52.	Addison's disease																											
53.	Leukemia	2						1								1										1	1	
54.	Anemia, chlorosis	4	1				1					1		1	1	1											4	
55.	Other general diseases																											
56.	Alcoholism, acute and chronic	7											1	3	1		1	1								6	1	
57.	Saturnism																											
58.	Other trade intoxications																											
59.	Other chronic poisonings	1													1												1	
Total general diseases		248	14	8	5	6	3	36	3	5	10	21	15	21	26	19	15	23	12	14	9	7	6	3	2	1	134	114
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61.	Meningitis, simple	19	4	5	1			10	1	2	1	1					1	2	1							10	9	
61a.	Meningitis, epidemic cerebrospinal	8	1				1	2			1	2				1	1									4	4	
62.	Locomotor ataxia, progressive	1																	1							1		
63.	Other diseases of the spinal cord	3											1	1							1					3		
64.	Cerebral congestion and hemorrhage	54	1				1						1	3	2	7	6	10	7	9	4	4				24	39	
65.	Cerebral softening	1																	1									
66.	Paralysis, without cause assigned	3											1						1	1						1	2	
67.	General paralysis	4											1			1						1	1			3	1	
68.	Other forms of mental alienation	4						1								1					1			1		3	1	
69. Epilepsy																												
70.	Eclampsia (non-puerperal)	2									1		1													1	1	
71.	Convulsions of children	5	5				5																			1	4	
72.	Tetanus																											
73.	Chorea	1						1																			1	
74. Hysteria																												
74b.	Other affections of the nervous system	1															1										1	
75. Diseases of the eye and appendages																												
76. Diseases of the ear																												
Total of the nervous system, etc.,																												
		110	12	5	1		18	4	2	2	3	3	6	4	4	12	8	12	9	11	6	5	1			55	55	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis																												
		1											1														1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		AGE.																								SEX.		
CAUSES OF DEATH.		Total Mortality for February, 1860.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 6 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78.	Endocarditis, acute	7								1		1		3					1	1							4	3
79.	Organic diseases of the heart	76	2				2			12	1	4		4	3	8	8	10	9	7	2	7					34	1
80.	Angina pectoris	1																		1								
81.	Affections of the arteries (atheroma, aneurism, etc.)	10										1						1	1	3	1		1	1	1		7	3
82.	Embolism and thrombosis																											
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84.	Affections of the lymphatic system (lymphangitis, etc.)																											
85.	Hemorrhages	7	5	1			6									1											4	3
86.	Other affections of the circulatory apparatus																											
	Total of circulatory apparatus	102	7	1			8		2	2	5		7	5	3	9	12	13	9	8	8	1	8				50	52
IV. Diseases of the Respiratory Apparatus.																												
87.	Diseases of the nasal fossæ																											
88.	Affections of the larynx	1	1				1																				1	
89.	Affections of the thyroid body																											
90.	Bronchitis, acute	20	3	2	1		6								1		1	1	2	1	4	2	1		1	8	12	
91.	Bronchitis, chronic	10										1	1				1	1	2	2		1	1				6	4
92.	Pneumo-pneumonia	28	8	7	4		19	1	1			1						1	1	1	2			1		18	10	
93.	Pneumonia	135	12	5	4	1	22		1	1	2	11	13	12	9	7	11	6	13	8	9	3	2	3		81	51	
94.	Pleurisy	4										1		1								1					3	4
95.	Pulmonary congestion and apoplexy	2										1													1	1	1	
96.	Gangrene of the lung																											
97.	Asthma	1																1										1
98.	Emphysema, pulmonary																											
99.	Other diseases of the respiratory apparatus (phthisis excepted)																											
	Total respiratory apparatus	201	24	14	8	2	48		1	2	1	3	5	12	13	14	10	10	15	12	15	13	4	3	5	118	83	
V. Diseases of the Digestive Apparatus.																												
100.	Affections of the mouth and its adnexa																											
101.	Affections of the pharynx																											
102.	Affections of the esophagus	1																			1						1	
103.	Ulcer of the stomach	4										1	1				2										3	1
104.	Other affections of the stomach (cancer excepted)	3	1				1													1		1					2	1
105.	Diarrhœa and enteritis (under two years)	12	12				12																				5	7
105a.	Diarrhœa and enteritis, chronic	3																		1	2						2	1
106.	Diarrhœa and enteritis (two years and over)	1							1																		1	
107.	Parasites, intestinal																											
108.	Hernia, intestinal obstructions	6	1				1					1						1			1		1	1			3	3
109.	Other affections of the intestines	3										1	1							1							2	1
110.	Icterus, grave																											
111.	Hydatid tumors of the liver																											
112.	Cirrhosis of the liver	8						1					2	1	2	1	1										5	2
113.	Biliary calculi																											
114.	Other affections of the liver	2												1	1		1											3
115.	Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for February, 1900.	AGE.																				SEX.					
																						Males.	Females.				
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,512. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	FEB. 1905.	FEB. 1904.	FEB. 1905.	FEB. 1904.		FEB. 1905.	FEB. 1904.	FEB. 1905.	FEB. 1904.
Cholera	—	—	—	—	Measles	23	789	—	—
Chicken-pox	30	47	—	—	Scarlatina	106	133	—	—
Cerebro-spinal Meningitis	2	5	—	—	Smallpox	2	—	—	—
Diphtheria and Croup	141	181	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	61	30	—	—
Tuberculosis	175	189	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,615	Cattle condemned, 12	5,939 lbs.
Calves "	589	Calves " —	—
Sheep "	160	Sheep " —	—
Hogs "	1,683	Hogs " 4	495 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,159 lbs.		Miscellaneous, 6 bushels.
Poultry (tainted) 316 "		
Pork " 231 "		
Mutton " 224 "		
Eggs " 46 doz.		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	590
" "	" " Wagons	311
" "	" brought in by Citizens	8
" "	" for bacteriological examination	556
" "	Vinegar	46
" "	Butter and Cheese	116
Total Samples,		1,627

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis	49
	Positive release	28
	Negative diagnosis	363
	Negative release	127
	"No growth" cultures	12 579
TUBERCULOSIS:	Positive	79
	Negative	207 286
TYPHOID:	Positive	8
	Negative	58
	Unsatisfactory	1 67

GLANDERS:	Positive	7
	Negative	5
	Unsatisfactory	8 20
Other examinations:*	Positive	3
	Negative	9
	Unsatisfactory	0 12
Total examinations		964

* Infected wound, genito-urinary tuberculosis, anthrax, influenza, pneumonia, pleurisy, tubercular meningitis, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

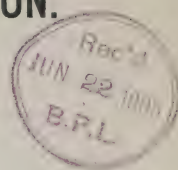
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.20	18	61	W.	.00	Mean Barometer, 30.09.
2	29.99	18	54	W.	.00	Highest Barometer, 30.65 on the 19th.
3	30.19	15	64	W.	.00	Lowest Barometer, 29.35 on the 13th.
4	30.42	11	63	N.W.	.00	Monthly Range of Barometer, 1.30.
5	30.50	16	50	N.W.	.00	Mean Temperature, 23.4°.
6	30.00	28	97	E.	.71	Highest Temperature, 43° on the 21st.
7	30.00	22	68	N.W.	*T	Lowest Temperature, 3° on the 4th.
8	30.36	22	47	N.W.	.00	Monthly Range of Temperature, 40°.
9	30.10	26	96	E.	.29	Greatest Daily Range of Temperature, 28° on the 13th.
10	29.81	33	72	W.	.11	Least Daily Range of Temperature, 9° on the 27th.
11	30.32	21	50	W.	.00	Mean Daily Range of Temperature, 13.4°.
12	30.20	22	83	S.E.-W.	.36	Mean Daily Dew-point, 12.5.
13	29.42	26	73	W.	.10	Mean Daily Relative Humidity, 63.4.
14	30.10	12	53	W.	.00	Prevailing Direction of Wind, W.
15	30.04	18	69	N.W.	*T	Total Movement of Wind, 8,524 miles.
16	30.24	15	52	N.W.	.00	Highest Velocity of Wind and Direction, 40 miles, W. on the 18th.
17	29.91	27	57	S.W.	.00	Number of Foggy Days, 0. Number of Fair Days, 4.
18	30.43	20	66	W.	.00	Number of Clear Days, 13. Number of Cloudy Days, 11.
19	30.62	16	66	W.	.00	Total Number of Days on which Rain or Snow fell, 6.
20	30.36	28	76	S.W.	.02	Depth of Unmelted Snow on ground at end of month, 2.0 inches.
21	30.28	38	72	N.E.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.37	28	81	N.E.	*T	Dates of Solar Halos, none. Thunder Storm, none.
23	30.14	26	46	N.	.00	Dates of Frosts, none.
24	29.96	30	42	N.	.00	Mean Maximum Temperature, 31.0°. Mean Minimum Temperature, 15.7°.
25	29.79	30	65	N.W.	.00	MEAN TEMPERATURE for this month is
26	29.65	33	58	W.	*T	1871 28.6
27	29.83	26	52	W.	.00	1872 28.1
28	29.82	30	64	S.W.	.00	1873 27.2
29	—	—	—	—	—	1874 27.9
30	—	—	—	—	—	1875 22.1
31	—	—	—	—	—	1876 27.0
TOTALS	—	—	—	—	1.59	1877 32.5
MEANS	30.00	23.4	63.4	W.	.057	1878 29.1
						1879 23.6
						1880 32.0
						1881 27.7
						1882 30.4
						1883 29.2
						1884 31.0
						1885 20.5
						1886 26.6
						1887 28.9
						1888 28.4
						1889 26.0
						1890 33.2
						1891 32.0
						1892 28.4
						1893 26.8
						1894 26.6
						1895 24.6
						1896 28.7
						1897 30.9
						1898 32.8
						1899 26.8
						1900 29.3
						1901 24.2
						1902 28.8
						1903 31.4
						1904 22.6
						1905 23.4
						Total Precipitation for this Month in Inches.
						1871 2.63
						1872 2.31
						1873 3.21
						1874 3.41
						1875 3.74
						1876 4.84
						1877 0.45
						1878 4.40
						1879 4.33
						1880 4.11
						1881 4.89
						1882 4.77
						1883 2.74
						1884 5.74
						1885 3.00
						1886 7.04
						1887 3.69
						1888 2.36
						1889 1.54
						1890 2.29
						1891 3.86
						1892 2.15
						1893 6.32
						1894 3.15
						1895 1.11
						1896 3.94
						1897 2.12
						1898 4.81
						1899 3.03
						1900 0.83
						1901 0.66
						1902 4.19
						1903 3.90
						1904 2.49
						1905 1.59

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 26°.

Average monthly precipitation for 35 years, 3.46.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1905 992
Population estimated at 614,522 Rate per 1,000 inhabitants, 19.37

Total number 992

SEX.

Males 506
Females 486

CONDITION.

Single 442
Married 331
Widowed 210
Divorced 1
Unknown 8

COLOR.

White 967
Black (Negro or mixed) 23
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 152
 { Under 2 years 187
 { Under 5 years 223

Diarrhœal diseases, { Under 1 year 12
 { Under 2 years 12
 { Under 5 years 12
 { All ages 16

NATIVITY.

United States 608
Ireland 188
England 24
Scotland 5
Germany 17
British America 70
Italy 18
Russia 17
Sweden 4
Other Countries 29
Unknown 12

PARENTAGE.

United States 243
Irish 292
English 24
Scotch 8
German 21
British American 60
Italian 39
Russian 29
Swedish 4
Other Countries 74
Mixed 66
One parent unknown 63
Unknown 69
Still-births during the month 58

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1886.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																							
I. General Diseases.																											
1. Typhoid Fever	6					1	1					1	1													3	3
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	2		1					1	1																	2	
7. Scarlatina	6			1	1	2	1	5	1																	1	5
8. Whooping cough	2	1				1			2																		2
9. Diphtheria and croup	3	2		1				3																		2	1
9a. Diphtheria	15	1	3	3		3	10	3	1	1																7	8
10. Grippe	21	3					3	2					1	1		3	2		3	4	1	1				10	11
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	7	3					3						1			1			1	1						4	3
19. Other epidemic affections																											
20. Purulent infection and septicemia . . .	5	1					1		2			1	1													3	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc.																											
25. Pellagra																											
26. Tubercle of the larynx	1											1														1	
27. Tubercle of the lungs	105	2				1	3	1	3	5	14	21	16	10	9	5	7	4	3	3	1					52	53
28. Tubercle of the meninges	16	5	5		1		11	2					3													11	5
29. Tubercle, abdominal	3	1				1	2					1														1	2
30. Pott's disease																											
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	1												1													1	
34. Tubercle, generalized	3	1	1	1				3																		1	2
35. Scrofula	2		1				1					1														1	1
36. Syphilis																											
3. Tertiary																											
4. Hereditary																											
37. Blennorrhagia of the adult	2	2					2																			1	1
38. Gonococcal infections of the child . . .																											
39. Cancer and other malignant tumors of the buccal cavity	6											1				2		2	1							3	3
40. Cancer and other malignant tumors of the stomach and liver	18								1						1	3	1	4	3	4					1	8	10

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for		AGE.																								SEX.		
	March, 1905.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																													
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	15	1					1	2					2	2		1	2	1	3								1	4	11
42. Cancer and other malignant tumors of the genital organs of the female . . .	11													1	1	1	2	1	1	3			1						
43. Cancer and other malignant tumors of the breast . . .	5																2	1	1	1									
44. Cancer and other malignant tumors of the skin . . .																													
45. Cancer and other malignant tumors of organs not specified . . .	10										1			1				2	2		2	1			1			3	7
46. Other tumors (tumors of the female genital organs excepted) . . .																													
47. Rheumatism, acute, articular . . .																													
48. Rheumatism, chronic, and gout. . .	2								1										1									2	
49. Scorbutus . . .																													
50. Diabetes . . .	3																	1					2					1	2
51. Goitre, exophthalmic . . .																													
52. Addison's disease . . .																													
53. Leukemia . . .																													
54. Anemia, chlorosis . . .	3															1		1	1									1	2
55. Other general diseases . . .																													
56. Alcoholism, acute and chronic . . .	7													1	2		1		1	1			1				5	2	
57. Saturnism . . .																													
58. Other trade intoxications . . .																													
59. Other chronic poisonings . . .																													
Total general diseases . . .	240	22	13	6	5	6	52	10	7	10	16	25	25	17	16	16	19	18	15	17	9	4	2	1	1	128	152		
II. Diseases of the Nervous System and of the Organs of Sense.																													
60. Encephalitis . . .																													
61. Meningitis, simple . . .	21	7	5	1	1	1	15	2	1				1	1	1													15	6
61a. Meningitis, epidemic cerebrospinal . . .	17	2	2	1	1	1	7	3			4		1			2												10	7
62. Locomotor ataxia, progressive . . .	1																		1									1	
63. Other diseases of the spinal cord . . .	3												1						1			1						2	1
64. Cerebral congestion and hemorrhage . . .	36	1					1						1	1	2		2	3	7	13	11	3	6	3	3		20	36	
65. Cerebral softening . . .																													
66. Paralysis, without cause assigned . . .	3																1							2				3	
67. General paralysis . . .	1																		1									1	
68. Other forms of mental alienation . . .	4																	1		1		1			1			1	3
69. Epilepsy . . .	1														1														1
70. Eclampsia (non-puerperal) . . .																													
71. Convulsions of children . . .	6	3	1				6																					5	1
72. Tetanus . . .																													
73. Chorea . . .																													
74. Hysteria . . .																													
74b. Other affections of the nervous system . . .	8	2	1			1	4						1		1				1				1					5	3
75. Diseases of the eye and appendages . . .																													
76. Diseases of the ear . . .	5		1				1	1		1				1	1													2	3
Total of the nervous system, etc., . . .	126	17	10	2	2	3	34	6	1	1	1	1	1	4	4	4	2	5	4	16	15	11	6	6	5	4	65	61	
III. Diseases of the Circulatory Apparatus.																													
77. Pericarditis . . .	3	1					1										1	1											3

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for March, 1906.	AGE.																								SEX.			
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																									
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78. Endocarditis, acute	9							1	1	1																	5	4	
79. Organic diseases of the heart	107	1	1	1			3	3	1	2	2	2	5	10	9	9	14	6	7	18	3	8	1				58		
80. Angina pectoris	8														2	1	2											2	
81. Affections of the arteries (atheroma, aneurism, etc.)	16																		2	6	4	2	1	1			10	6	
82. Embolism and thrombosis																													
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																													
84. Affections of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhages	4	4					4																				3	1	
86. Other affections of the circulatory appar- atus																													
Total of circulatory apparatus	147	6	1	1			8	3	2	2	3	2	3	5	12	12	15	16	11	21	8	10	2			81	66		
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossae																													
88. Affections of the larynx																													
89. Affections of the thyroid body																													
90. Bronchitis, acute	22	6	2				5								1	2		1	1	2	2	2	1	2			10	12	
91. Bronchitis, chronic	3	1					1										1						1				3		
92. Broncho-pneumonia	24	10	3	1	1		15	1									1	2			2	2	1				9	15	
93. Pneumonia	112	20	4	2	1		27			1	4	15	3	9	1	3	6	11	7	12	7	3	2	1			54	58	
94. Pleurisy	5	1					1							1					3								2	3	
95. Pulmonary congestion and apoplexy . .																													
96. Gangrene of the lung																													
97. Asthma																													
98. Emphysema, pulmonary																													
99. Other diseases of the respiratory appar- atus (phthisis excepted)																													
Total respiratory apparatus	196	38	9	3	2		52	1		1	4	15	3	10	2	6	8	17	8	11	11	8	4	3			78	88	
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa.																													
101. Affections of the pharynx	1	1					1																					1	
102. Affections of the esophagus	2																		1		1						2		
103. Ulcer of the stomach	5						1					1			1		1										2	3	
104. Other affections of the stomach (cancer excepted)	6	2	1				3											1	1		1						3	1	
105. Diarrhea and enteritis (under two years)	12	12					12																					8	4
105a. Diarrhea and enteritis, chronic																													
106. Diarrhea and enteritis (two years and over)	4							2										1						1			3	1	
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions	6											1					3			1							2	3	
109. Other affections of the intestines . .	8	1	1				2				1				2				1	1	1						4	4	
110. Icterus, grave																													
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	6			1			1				1				2			1						1			6	1	
113. Biliary calculi	4																1		1	2							2	2	
114. Other affections of the liver	3									1				1					1									3	
115. Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for
March, 1905.

AGE.

SEX.

	Males.	Females.
1906-7	18	12
1907-8	12	10
1908-9	10	10
1909-10	10	10
1910-11	10	10
1911-12	10	10
1912-13	10	10
1913-14	10	10
1914-15	10	10
1915-16	10	10
1916-17	10	10
1917-18	10	10
1918-19	10	10
1919-20	10	10
1920-21	10	10
1921-22	10	10
1922-23	10	10
1923-24	10	10
1924-25	10	10
1925-26	10	10
1926-27	10	10
1927-28	10	10
1928-29	10	10
1929-30	10	10
1930-31	10	10
1931-32	10	10
1932-33	10	10
1933-34	10	10
1934-35	10	10
1935-36	10	10
1936-37	10	10
1937-38	10	10
1938-39	10	10
1939-40	10	10
1940-41	10	10
1941-42	10	10
1942-43	10	10
1943-44	10	10
1944-45	10	10
1945-46	10	10
1946-47	10	10
1947-48	10	10
1948-49	10	10
1949-50	10	10
1950-51	10	10
1951-52	10	10
1952-53	10	10
1953-54	10	10
1954-55	10	10
1955-56	10	10
1956-57	10	10
1957-58	10	10
1958-59	10	10
1959-60	10	10
1960-61	10	10
1961-62	10	10
1962-63	10	10
1963-64	10	10
1964-65	10	10
1965-66	10	10
1966-67	10	10
1967-68	10	10
1968-69	10	10
1969-70	10	10
1970-71	10	10
1971-72	10	10
1972-73	10	10
1973-74	10	10
1974-75	10	10
1975-76	10	10
1976-77	10	10
1977-78	10	10
1978-79	10	10
1979-80	10	10
1980-81	10	10
1981-82	10	10
1982-83	10	10
1983-84	10	10
1984-85	10	10
1985-86	10	10
1986-87	10	10
1987-88	10	10
1988-89	10	10
1989-90	10	10
1990-91	10	10
1991-92	10	10
1992-93	10	10
1993-94	10	10
1994-95	10	10
1995-96	10	10
1996-97	10	10
1997-98	10	10
1998-99	10	10
1999-00	10	10
2000-01	10	10
2001-02	10	10
2002-03	10	10
2003-04	10	10
2004-05	10	10
2005-06	10	10
2006-07	10	10
2007-08	10	10
2008-09	10	10
2009-10	10	10
2010-11	10	10
2011-12	10	10
2012-13	10	10
2013-14	10	10
2014-15	10	10
2015-16	10	10
2016-17	10	10
2017-18	10	10
2018-19	10	10
2019-20	10	10
2020-21	10	10
2021-22	10	10
2022-23	10	10
2023-24	10	10
2024-25	10	10
2025-26	10	10
2026-27	10	10
2027-28	10	10
2028-29	10	10
2029-30	10	10
2030-31	10	10
2031-32	10	10
2032-33	10	10

V. Diseases of the Digestive Apparatus.

—Concluded.

116. Peritonitis, simple (puerperal excepted),	7							1	1	2		1					1	1				1	6		
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																									
118. Appendicitis and abscess of the iliac fossa	6						1				1	1		1	1	1						3	3		
Total digestive apparatus . . .	69	16	1	2			19	4		2	3	4	2	2	4	5	3	3	6	5	2	3	2	40	29

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119. Nephritis, acute	81	1				1	3		1	1	1	1	2	3	1	3	1	3	4	3	2		1		12	10
120. Bright's disease	10									1	1				2	4	2	2	3	2	2				12	7
121. Other diseases of the kidneys and their adnexa																										
122. Calculi of the urinary tract																										
123. Diseases of the bladder	3											1	1								1				3	
124. Diseases of the urethra, urinary abscess, etc.																										
125. Diseases of the prostate	5															2	1	1			1					5
126. Non-venereal diseases of the male gen- ital organs																										
127. Metritis																										
128. Hemorrhage, uterine, non-puerperal																										
129. Tumor, uterine, non-cancerous	2											1	1													
130. Other diseases of the uterus	1													1											1	
131. Cysts and other tumors of the ovary																										
132. Other diseases of the female genital organs	1													1											1	
133. Diseases of the breast, non-puerperal (cancer excepted)																										
Total of genito-urinary	62	1				1	3		1	1	2	3	3	5	5	7	6	6	8	5	5		1		32	30

VII. Puerperal State.

[illegible]

VIII. Diseases of the Skin and Cellular Tissue.

142. Gangrene	1					1	1
143. Furuncle (carbuncle)							
144. Phlegmon, warm abscess							
145d. Other diseases of the skin and its adnexa							
Total skin tissue	1					1	1

IX. Diseases of the Organs of Locomotion.

146. Affections of the bones (non-tuberculous)	3	1	1	1	1	2
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),						
148. Amputation						

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1905.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years. 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.																				Males.	Females.				
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion	1		1		1																				1		
Total organs locomotion	4		1		1								1	1					1						2		
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	1	1				1																			1		
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	44	44				44																			27	17	
152. Other diseases appertaining to infancy,	3	3				3																			3		
153. Lack of care																											
Total early infancy	47	47				47																			27	20	
XII. Old Age.																											
154. Senile debility	27																		2	1	10	8	3	3		14	13
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	3											1				1		1							1	2	
156. Suicide by asphyxia	1															1									1		
157. Suicide by hanging or strangulation																											
158. Suicide by submersion	1														1										1		
159. Suicide by firearms	1													1											1		
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	4												1		1	2									3	1	
165a. Luxations																											
166. Other accidental traumatisms	17		1				1	1		1	2	2	1	2		2	4					1			15	2	
167. Burns and scalds	4													2		1		1							4		
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances	1														1										1		
172. Accidental submersion	1												1												1		
173a. Ignition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings	3			1			1											1	1						3		
176. Other external violence	6	1					1					1	1	2						1					5	1	
Total affections, etc.	42	1	1	1			3	1		1	2	4	4	7	3	6	5	1	2	1	1		1		32	10	
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	11	3	1	1			5	1		1				1		1	1	1		1					5	6	
Total ill-defined diseases	11	3	1	1			5	1		1				1		1	1	1		1					5	6	
Total from all causes,	992	152	35	16	11	9	223	29	10	19	33	58	49	52	44	55	59	69	63	72	61	46	30	16	4	506	486

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,512. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAR. 1905.	MAR. 1904.	MAR. 1905.	MAR. 1904.		MAR. 1905.	MAR. 1904.	MAR. 1905.	MAR. 1904.
Cholera	—	—	—	—	Measles	41	827	—	11
Chicken-pox	20	35	—	—	Scarlatina	133	112	—	—
Cerebro-spinal Meningitis	21	8	—	—	Smallpox	—	—	—	2
Diphtheria and Croup	118	211	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	22	36	1	—
Tuberculosis	231	109	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,248	Cattle condemned, 15	7,306 lbs.
Calves "	763	Calves " —	— "
Sheep "	223	Sheep " —	— "
Hogs "	2,496	Hogs " 4	520 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 7,203 lbs.	2,223 lbs.	Miscellaneous, 1 bush.
Poultry (tainted) 33 "		Fruit, 2 "
Pork " 455 "		
Mutton " 60 "		
Beef " 110 "		
Eggs " 609 doz.		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	529
" "	" " Wagons	596
" "	" brought in by Citizens	16
" "	" for bacteriological examination	625
" "	Vinegar	51
" "	Butter and Cheese	93
	Total Samples,	1,912

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive diagnosis	45
	Positive release	21
	Negative diagnosis	471
	Negative release	99
	"No growth" cultures	13 649
TUBERCULOSIS:	Positive	89
	Negative	304 393
TYPHOID:	Positive	4
	Negative	59
	Unsatisfactory	1 64

GLANDERS:	Positive	3
	Negative	5
	Unsatisfactory	3 11
Other examinations:*	Positive	1
	Negative	12
	Unsatisfactory	1 14
	Total examinations	1,131

*Pneumonia, suppurating hip, abscess, gonorrhoea, pleurisy, genito-urinary tuberculosis, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.93	26	51	N.W.	.00	Mean Barometer, 30.10.
2	29.93	24	56	N.W.	.00	Highest Barometer, 30.60 on the 7th.
3	29.87	28	53	W.	.00	Lowest Barometer, 29.71 on the 19th.
4	29.86	26	72	N.W.	*T	Monthly Range of Barometer, .875.
5	30.20	19	38	N.W.	.00	Mean Temperature, 37°.
6	30.36	11	42	N.W.	.00	Highest Temperature, 69° on the 30th.
7	30.46	22	63	S.	.07	Lowest Temperature, 12° on the 5th.
8	29.88	11	96	S.W.	.77	Monthly Range of Temperature, 57°.
9	30.00	14	64	N.W.	.24	Greatest Daily Range of Temperature, 30° on the 18th.
10	29.76	13	77	W.	.14	Least Daily Range of Temperature, 7° on the 21st.
11	30.26	30	44	W.	.00	Mean Daily Range of Temperature, 18°.
12	30.34	32	46	W.	.00	Mean Daily Dew-point, 25.4.
13	30.40	28	51	N.W.	.00	Mean Daily Relative Humidity, 64.4.
14	30.40	27	58	N.	.00	Prevailing Direction of Wind, W.
15	30.52	30	55	N.-S.W.	.00	Total Movement of Wind, 7,484 miles.
16	30.32	35	54	W.	.00	Highest Velocity of Wind and Direction, 29 miles, N.E. on the 21st.
17	30.25	34	56	N.	.00	Number of Foggy Days, 1. Number of Fair Days, 8.
18	29.92	51	58	S.W.	.00	Number of Clear Days, 12. Number of Cloudy Days, 11.
19	29.84	48	84	S.W.	.12	Total Number of Days on which Rain or Snow fell, 10.
20	30.16	34	90	N.E.	.08	Depth of Unmelted Snow on ground at end of month, 0 inches.
21	30.12	32	86	N.E.	.48	Dates of Auroras, none. Dates of Lunar Halos, 16th.
22	31.73	33	81	N.	.07	Dates of Solar Halos, none. Thunder Storm, none.
23	30.40	35	69	S.E.-W.	.00	Dates of Frosts, none. Mean Maximum Temperature, 45.2°. Mean Minimum Temperature, 29.1°.
24	30.27	40	90	S.	.00	
25	29.86	49	88	N.W.	.22	
26	29.93	50	50	N.W.	.00	
27	29.79	50	54	W.	*T	
28	30.04	53	30	W.	*T	
29	30.16	50	56	E.	.00	
30	30.10	54	60	E.	.06	
31	30.16	42	42	W.	.00	
TOTALS	—	—	—	—	2.25	
MEANS	30.10	37	64.4	W.	.072	

MEAN TEMPERATURE for this Month in	Total Precipitation for this Month in Inches.
1871 42	1871 4.95
1872 27	1872 4.05
1873 35	1873 3.76
1874 35	1874 1.60
1875 31	1875 5.04
1876 33	1876 7.19
1877 34	1877 9.79
1878 39	1878 5.91
1879 33	1879 3.90
1880 33	1880 3.25
1881 36	1881 9.86
1882 35	1882 3.35
1883 31	1883 2.33
1884 34	1884 4.96
1885 28	1885 1.15
1886 34	1886 3.20
1887 32	1887 3.86
1888 32	1888 3.32
1889 32	1889 1.19
1890 38	1890 5.88
1891 34	1891 3.94
1892 33	1892 8.91
1893 34	1893 2.80
1894 42	1894 1.01
1895 35	1895 2.72
1896 32	1896 5.41
1897 37	1897 2.79
1898 43	1898 1.82
1899 34	1899 5.85
1900 34	1900 4.60
1901 36	1901 6.58
1902 43	1902 5.29
1903 44	1903 5.95
1904 35	1904 2.43
1905 37	1905 2.25

*T indicates trace of precipitation.

Average mean temperature for 35 years, 35°.

Average monthly precipitation for 35 years, 4.16.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1905 946
Population estimated at 614,522 Rate per 1,000 inhabitants, 18.47

Total number 946

SEX.

Males 491
Females 455

CONDITION.

Single 427
Married 337
Widowed 156
Divorced 4
Unknown 22

COLOR.

White 927
Black (Negro or mixed) 17
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 140
 { Under 2 years 175
 { Under 5 years 211

Diarrhœal diseases, { Under 1 year 18
 { Under 2 years 18
 { Under 5 years 18
 { All ages 22

NATIVITY.

United States 561
Ireland 177
England 17
Scotland 3
Germany 26
British America 76
Italy 18
Russia 22
Sweden 6
Other Countries 21
Unknown 19

PARENTAGE.

United States 219
Irish 262
English 17
Scotch 13
German 31
British American 61
Italian 43
Russian 36
Swedish 7
Other Countries 52
Mixed 63
One parent unknown 48
Unknown 94
Still-births during the month 59

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1905.	AGE.																								SEX.			
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	5								1	1	1	1	1														5		
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola		1	1				1																				1		
6. Measles	3			2		1	3																				1	2	
7. Scarletina	4				2		2	2																			2	2	
8. Whooping cough	3	3					3																				3		
9. Diphtheria and croup	4	1			1		2	2																			3	1	
9a. Diphtheria	12		7	2		1	10	1				1															7	5	
10. Grippe	9			1			1			1				1	1			2		1				1	1		5	4	
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras																													
14. Dysentery																													
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	5	1					1											2	1					1		2	3		
19. Other epidemic affections	1																	1									1		
20. Purulent infection and septicemia . . .	2									1								1								1	1		
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	110	2	1				3	1	1	5	13	19	19	16	10	6	6	4	2	1	3	1				66	44		
28. Tubercle of the meninges	8		3	2	2		7			1																	5	3	
29. Tubercle, abdominal																													
30. Pott's disease																													
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	1												1														1		
34. Tubercle, generalized	5		1				1	1	1									1	1								3	2	
35. Scrofula	2	1					1	1																			1	1	
36. Syphilis																													
3. Tertiary	1																				1							1	
4. Hereditary	1	1					1																					1	
37. Bleorrhagia of the adult																													
38. Gonococcal infections of the child . . .																													
39. Cancer and other malignant tumors of the buccal cavity	7															3	2		1	1							5	2	
40. Cancer and other malignant tumors of the stomach and liver	22															3	1	5		5	2	2	2	1	1			7	15

CAUSES OF DEATH.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for April, 1905.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus.—Concluded.																											
78. Endocarditis, acute	11									1	2	1		1		3		1		1	1					4	7
79. Organic diseases of the heart	74							1	1	2	1	5	5	5	2	6	7	7	12	12	5	2				40	3
80. Angina pectoris	4												1	1		2										2	2
81. Affections of the arteries (atheroma, aneurism, etc.)	25									1						1	1	2	4	3	8	1	2	2		11	14
82. Embolism and thrombosis	1												1													1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	3	3				3																				3	
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	121	3				3	1	1	1	5	3	8	7	7	3	12	9	12	15	21	7	4	2			61	60
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossæ																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	24	2	2		2	6							1		2	2	1	2			6	2	2			10	14
91. Bronchitis, chronic	4				1	1								1			1	1								2	2
92. Broncho-pneumonia	34	11	8		1	20	2				4	1				1		1	3	1	1				16	18	
93. Pneumonia	97	14	6	4	1	25	3		1	3	4	5	7	3	8	5	11	5	4	4	4	5				40	57
94. Pleurisy	1											1														1	
95. Pulmonary congestion and apoplexy	4								1		2					1										2	2
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	1																		1							1	
Total respiratory apparatus	165	27	16	4	4	1	52	5		2	3	6	9	10	4	8	7	15	7	8	8	11	8	2		71	94
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa																											
101. Affections of the pharynx																											
102. Affections of the esophagus																											
103. Ulcer of the stomach	4										1			1			1				1					1	3
104. Other affections of the stomach (cancer excepted)	2	1				1						1														1	1
105. Diarrhœa and enteritis (under two years)	18	18				18																				10	8
105a. Diarrhœa and enteritis, chronic	4																2	1			1					1	3
106. Diarrhœa and enteritis (two years and over)																											
107. Parasites, intestinal																											
108. Hernia, intestinal obstructions	10	2				2						1	1	2			1	2			1					2	8
109. Other affections of the intestines	2														1		1									2	
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	8														1	1	2	8			1					5	3
113. Biliary calculi	4													1		1		2		2						1	3
114. Other affections of the liver	5	1				1	1							1		1							1			2	3
115. Affections of the spleen																											

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1905.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Male.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1	1				1																					1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	1	1				1																					1	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	49	49				49																				29	20	
152. Other diseases appertaining to infancy,	9	9				9																				8	1	
153. Lack of care																												
Total early infancy	58	58				58																				37	21	
XII. Old Age.																												
154. Senile debility	13																		2	4	3	1	3			4	9	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2									1	1																2	
156. Suicide by asphyxia	1															1											1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion	1											1															1	
159. Suicide by firearms	4									1	1			1			1										4	
160. Suicide by cutting instruments	1															1											1	
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	5											1	2	1					1								5	
165a. Luxations																												
166. Other accidental traumatism	15							2	1	1		1	2	2	1			4	1							13	2	
167. Burns and scalds	5									1					1			1	1	1							5	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	7													2	1	2	1	1									6	1
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	1																				1						1	
175. Other acute poisonings	1	1				1																					1	
176. Other external violence	3	1				1								1			1										2	1
Total affections, etc.	46	2				2	2	1	2	1	2	6	4	6	2	3	3	7	2	2	1						36	10
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	10	1	1			2								2	3	2				1							4	6
Total ill-defined diseases	10	1	1			2								2	3	2				1							4	6
Total from all causes,	946	140	35	17	16	9	211	27	12	18	34	48	54	62	51	47	54	61	57	64	64	37	30	13	2	491	455	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,523. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	APRIL 1905.	APRIL 1904.	APRIL 1905.	APRIL 1904.		APRIL 1905.	APRIL 1904.	APRIL 1905.	APRIL 1904.
Cholera	—	—	—	—	Measles	64	748	—	—
Chicken-pox	—	48	1	—	Scarlatina	120	65	—	—
Cerebro-spinal Meningitis	46	7	—	—	Smallpox	2	—	1	—
Diphtheria and Croup	116	238	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	28	25	—	—
Tuberculosis	179	184	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED. — BRIGHTON ABATTOIR.

Cattle inspected	2,403	Cattle condemned, 13	6,770 lbs.
Calves "	872	Calves "	— " "
Sheep "	5	Sheep "	— " "
Hogs "	2,206	Hogs "	— " "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	424
" "	" " Wagons	697
" "	" brought in by Citizens	19
" "	" for bacteriological examination	503
" "	Vinegar	90
" "	Butter and Cheese	138
Total Samples,		1,871

INSPECTION OF PROVISIONS. — ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 3,417 lbs.	12 lbs.	Miscellaneous, 58 bush.
Poultry (tainted) 631 "		
Beef " 50 "		
Mutton " 25 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	39
	Positive for release	15
	Negative for diagnosis	392
	Negative for release	81
	"No growth" cultures	18 . 545
TUBERCULOSIS:	Positive	67
	Negative	285
	Unsatisfactory	0 . 352
TYPHOID:	Positive	2
	Negative	71
	Unsatisfactory	0 . 73

GLANDERS:	Positive	2
	Negative	13
	Unsatisfactory	7 . 22
Other examinations:	Positive	0
	Negative	12
	Unsatisfactory	2 . 14
Total		1,006

* Malaria, gonorrhoea, influenza, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.19	42	42	N.W.	.00	Mean Barometer, 29.84.
2	30.19	36	38	N.W.	.00	Highest Barometer, 30.34 on the 23d.
3	30.04	44	30	N.W.	.00	Lowest Barometer, 29.35 on the 6th.
4	29.98	43	62	E.-S.E.	.06	Monthly Range of Barometer, .59.
5	29.90	41	97	N.E.	.44	Mean Temperature, 47°.
6	29.46	48	82	W.	.38	Highest Temperature, 74° on the 26th.
7	29.68	42	52	W.	.00	Lowest Temperature, 30° on the 2d.
8	29.77	42	48	W.	.00	Monthly Range of Temperature, 44°.
9	29.88	46	44	W.	.00	Greatest Daily Range of Temperature, 28° on the 9th-21st
10	29.68	58	55	S.W.	.00	Least Daily Range of Temperature, 6° on the 5th.
11	29.69	49	100	N.E.	.68	Mean Daily Range of Temperature, 17°.
12	29.78	46	80	N.	.00	Mean Daily Dew-point, 34.2.
13	29.81	43	76	N.E.	.00	Mean Daily Relative Humidity, 66.2.
14	29.64	47	72	N.	.00	Prevailing Direction of Wind, W.
15	29.70	45	44	N.W.	.02	Total Movement of Wind, 8,265 miles.
16	29.54	40	60	N.W.	.00	Highest Velocity of Wind and Direction, (5 min.) — 38 W.
17	29.66	38	48	W.	*T	Number of Foggy Days, 0. Number of Fair Days, 12.
18	29.96	42	54	W.	.00	Number of Clear Days, 8. Number of Cloudy Days, 10.
19	30.12	44	52	S.W.	.00	Total Number of Days on which Rain or Snow fell, 9.
20	29.94	56	78	S.W.	.01	Depth of Unmelted Snow on ground at end of month, 0 inches.
21	29.72	58	92	S.W.	.51	Dates of Auroras, none. Dates of Lunar Halos, 12th.
22	30.12	43	81	N.	.08	Dates of Solar Halos, 26th. Thunder Storm, 6th-21st.
23	30.32	46	70	N.W.	.00	Dates of Frosts, none.
24	30.10	50	68	S.W.	.00	Mean Maximum Temperature, 55.4°. Mean Minimum Temperature, 38.3°.
25	29.93	53	58	W.-N.W.	.00	MEAN TEMPERATURE for this month in inches. Total Precipitation for this Month in inches.
26	29.68	62	62	W.	*T	1871 47 1871 3.79
27	29.65	52	82	N.E.	.00	1872 45 1872 1.31
28	29.96	44	92	N.E.	.00	1873 47 1873 3.83
29	29.88	44	92	E.	.01	1874 57 1874 7.97
30	29.77	60	74	W.	.00	1875 42 1875 4.92
31						1876 43 1876 3.61
TOTALS	—	—	—	—	2.14	1877 44 1877 4.19
MEANS	29.84	47	66.2	W.	.071	1878 47 1878 6.14
						1879 42 1879 6.58
						1880 46 1880 2.55
						1881 43 1881 1.66
						1882 42 1882 2.50
						1883 44 1883 2.83
						1884 43 1884 4.76
						1885 46 1885 3.30
						1886 48 1886 1.70
						1887 44 1887 2.62
						1888 42 1888 2.04
						1889 48 1889 3.07
						1890 46 1890 2.29
						1891 48 1891 1.71
						1892 48 1892 6.93
						1893 44 1893 3.13
						1894 47 1894 3.73
						1895 46 1895 3.65
						1896 47 1896 1.56
						1897 49 1897 3.17
						1898 44 1898 6.39
						1899 48 1899 1.29
						1900 49 1900 1.90
						1901 44 1901 7.43
						1902 48 1902 2.87
						1903 48 1903 4.43
						1904 45 1904 9.14
						1905 47 1905 2.14

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 45°.

Average monthly precipitation for 35 years, 3.59°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1905 934
Population estimated at 614,522 Rate per 1,000 inhabitants, 18.24

Total number 934

SEX.

Males 494
Females 440

CONDITION.

Single 442
Married 299
Widowed 179
Divorced 4
Unknown 10

COLOR.

White 906
Black (Negro or mixed) 27
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 128
 { Under 2 years 156
 { Under 5 years 198

Diarrhœal diseases, { Under 1 year 9
 { Under 2 years 11
 { Under 5 years 11
 { All ages 13

NATIVITY.

United States 581
Ireland 163
England 22
Scotland 5
Germany 18
British America 66
Italy 15
Russia 8
Sweden 9
Other Countries 21
Unknown 26

PARENTAGE.

United States 247
Irish 288
English 18
Scotch 8
German 18
British American 64
Italian 37
Russian 22
Swedish 10
Other Countries 49
Mixed 59
One parent unknown 37
Unknown 77
Still-births during the month 47

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for May, 1905.	AGE.																				SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	7								1	2		1	1	2												3	4		
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola																													
6. Measles																													
7. Scarletina	10	1	1	1	2	1	6	4																		7	3		
8. Whooping cough	3	2	1					3																			2	1	
9. Diphtheria and croup																													
9a. Diphtheria	5	2	2	1				5																			4	1	
10. Grippe	3		1					1												2							1	2	
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras	1																			1							1		
14. Dysentery																													
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	7	2						2				1	1		1		1							1			4	3	
19. Other epidemic affections																													
20. Purulent infection and septicemia . . .	5	1	1					2				1						1		1							2	3	
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx																													
27. Tubercle of the lungs	111	4	1	1	2	1	9		5	10	14	18	14	9	7	8	6	2	3	4	2						49	62	
28. Tubercle of the meninges	14	3	3	3		1	10	2				1							1								2	12	
29. Tubercle, abdominal	3		1					1			2																	3	
30. Pott's disease																													
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs	1												1															1	
34. Tubercle, generalized	7	1	1					2	1			1	1	2														2	5
35. Scrofula	1	1						1																				1	
36. Syphilis																													
3. Tertiary	1												1															1	
4. Hereditary	4	4						4																				3	1
7. Blennorrhagia of the adult																													
58. Gonococcal infections of the child . .																													
59. Cancer and other malignant tumors of the buccal cavity	3		1					1				1						1										3	
40. Cancer and other malignant tumors of the stomach and liver	19														2	1	2	3	2	5	3		1					5	14

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for		AGE.																				SEX.							
		May, 1905.	June, 1905.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																															
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	10							1			1			1	1	1	2		1		1	1						2	8	
42.	Cancer and other malignant tumors of the genital organs of the female . . .	5													1	1			1	1	1										
43.	Cancer and other malignant tumors of the breast . . .	5													1			1		1		2								5	
44.	Cancer and other malignant tumors of the skin . . .																														
45.	Cancer and other malignant tumors of organs not specified . . .	11													2	1	1	1	1	2		1	2						7	4	
46.	Other tumors (tumors of the female genital organs excepted) . . .	1																				1								1	
47.	Rheumatism, acute, articular . . .	5	1		1		2				1	1							1										4	1	
48.	Rheumatism, chronic, and gout. . . .	6													1					1	1	1	1	1					2	1	
49.	Scorbutus . . .																														
50.	Diabetes . . .	11									1	1					1		1	1	2	2		1	1				5	6	
51.	Gout, exophthalmic . . .																														
52.	Addison's disease . . .	1																1												1	
53.	Leukemia . . .																														
54.	Anemia, chlorosis . . .	3												2					1										1	2	
55.	Other general diseases . . .																														
56.	Alcoholism, acute and chronic . . .	13										1			2	3		4	3										9	4	
57.	Saturnism . . .	1																1												1	
58.	Other trade intoxications . . .																														
59.	Other chronic poisonings . . .																														
	Total general diseases . . .	277	22	12	8	4	3	49	7	8	16	18	23	23	21	14	19	18	11	16	16	9	6	2	1				123	154	
II. Diseases of the Nervous System and of the Organs of Sense.																															
60.	Encephalitis . . .																														
61.	Meningitis, simple . . .	9	3	2	3			8				1																	8	1	
61a.	Meningitis, epidemic cerebrospinal . .	25	1	1	2	1	1	6	4	4	1	4	1	1	2					2									18	7	
62.	Locomotor ataxia, progressive . . .																														
63.	Other diseases of the spinal cord . . .	2											1				1													2	
64.	Cerebral congestion and hemorrhage . .	45	1					1			1			1		1	7	3	5	6	8	4	6	2				24	21		
65.	Cerebral softening . . .	2																	2										1		
66.	Paralysis, without cause assigned . . .	2											1								1								1	1	
67.	General paralysis . . .	3										1					1			1									2	1	
68.	Other forms of mental alienation . . .	3															1	2											1	2	
69.	Epilepsy . . .																														
70.	Eclampsia (non-puerperal) . . .																														
71.	Convulsions of children . . .	3	3					3																					2	1	
72.	Tetanus . . .																														
73.	Chorea . . .																														
74.	Hysteria . . .																														
74b.	Other affections of the nervous system .	4						1							1	1	1												3	1	
75.	Diseases of the eye and appendages . .																														
76.	Diseases of the ear . . .	5	2	1				3				1						1											2	3	
	Total of the nervous system, etc.,	108	10	4	5	1	1	21	5	4	2	6	2	3	8	1	5	11	5	8	6	9	4	6	2				62	41	
III. Diseases of the Circulatory Apparatus.																															
77.	Pericarditis . . .	3						1	1			1																	2		

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for May, 1903.	AGE.																				SEX.					
			Under 1 year. 1 years and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																							
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	10				1		1	1	1				2	1		1	1	1				1			5	5		
79. Organic diseases of the heart	94			1	1	1	3	1	2	1	2	5	2	2	9	9	4	2	13	6	8	7	4	1	40			
80. Angina pectoris	4														1	1		1				1			4			
81. Affections of the arteries (atheroma, aneurism, etc.)	15																1	2		3	1	2	1	2	1	5		
82. Embolism and thrombosis	2																1								1	1		
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	3	1					1														2					3		
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	131	1		1	2	1	5	3	3	2	1	3	7	11	3	12	12	8	8	18	8	11	8	6	2	62	69	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx	1	1					1																			1		
89. Affections of the thyroid body																												
90. Bronchitis, acute	12	2		2			4									1			1	2	1	1	1	1	6	6		
91. Bronchitis, chronic	7																	1		2	3			1		7		
92. Broncho-pneumonia	15	6	1	1	1		9					1						1	1	1		1	1		9	6		
93. Pneumonia	81	9	7	5	1		22	2	2			6	3	2	2	8	2	8	4	6	6	2	1	3	1	1	47	34
94. Pleurisy	2	1					1							1												2		
95. Pulmonary congestion and apoplexy	1																					1				1		
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory apparatus (phthisis excepted)	2														1	1										1	1	
Total respiratory apparatus	121	19	8	8	2		37	2	2			7	3	2	4	9	3	8	6	7	8	7	6	5	2	3	66	55
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx	2	1					1	1																		1	1	
102. Affections of the esophagus																												
103. Ulcer of the stomach	3												1	1		1										1	2	
104. Other affections of the stomach (cancer excepted)	8	1					1									2	1	1		1		2				5	3	
105. Diarrhœa and enteritis (under two years)	11	9	2				11																			4	7	
105a. Diarrhœa and enteritis, chronic	1																							1		1		
106. Diarrhœa and enteritis (two years and over)																												
107. Parasites, intestinal	1						1	1																		1		
108. Hernia, intestinal obstructions	12			1			1				1	1	1			1	2		1		2	1		1		8	4	
109. Other affections of the intestines	1								1																	1		
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	7												1	1	1		2				1	1				6	1	
113. Biliary calculi	2																					1	1			2		
114. Other affections of the liver	3														1	1					1					1	2	
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

Total Mortality for
May, 1935.

AGE.

SEX.

[illegible]

V. Diseases of the Digestive Apparatus.

116.	Peritonitis, simple (puerperal excepted),	
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),	
118.	Appendicitis and abscess of the illac	
	108a	
	Total digestive apparatus . . .	

10	1				1	1			1	1	1	1	2		1			1				3	7		
2											1		1									1	1		
11									2	1		2	1		3			1			1		8	3	
74	12	2	1		1	16	3	2	2	2	2	6	3	3	9	6	4	2	2	5	3	4	2	40	34

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119.	Nephritis, acute	
120.	Bright's disease	
121.	Other diseases of the kidneys and their adnexa	
122.	Calculi of the urinary tract	
123.	Diseases of the bladder	
124.	Diseases of the urethra, urinary abscesses, etc.	
125.	Diseases of the prostate	
126.	Non-venereal diseases of the male gen- ital organs	
127.	Metritis	
128.	Hemorrhage, uterine, non-puerperal	
129.	Tumor, uterine, non-cancerous	
130.	Other diseases of the uterus	
131.	Cysts and other tumors of the ovary	
132.	Other diseases of the female genital organs	
133.	Diseases of the breast, non-puerperal (cancer excepted)	
	Total of genito-urinary	

44				1		2	4	1	4	2	3	4	3	4	7	4	3		2		26	18		
14								1	1	1		1	2	3	1	2	2				6	8		
																1						1		
4															1	1	1		1		4			
1																	1					1		
1						1																1		
4												1	1	1								4		
1																								
1																								
4														1	1	1						4		
1																						1		
2																						2		
72					1		1	3	4	2	8	4	4	5	6	8	10		8	5		3	38	34

VII. Puerperal State.

134.	Accidents of pregnancy	10
135.	Hemorrhage, puerperal	10
136.	Other accidents of labor	10
137.	Septicemia, puerperal	10
138.	Albuminuria and puerperal eclampsia,	10
139.	Phlegmasia alba dolens, puerperal	10
140.	Other puerperal accidents— sudden death	10
141.	Puerperal diseases of the breast	10
	Total puerperal	10

[illegible]

VIII. Diseases of the Skin and Cellular Tissue.

142. Gangrene	
143. Furuncle (carbuncle)	
144. Phlegmon, warm abscess	
145d. Other diseases of the skin and its adnexa	
Total skin tissue	

2										1	1			1	1
1	1			1										1	
1								1							1
4	1			1				1			1	1		2	2

IX. Diseases of the Organs of Locomotion.

146. Affections of the bones (non-tuberculous).

147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),

148. Amputation

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1905.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		2	1				1																				1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)																												
		4	4				4																				2	2
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema																												
		49	49				49																				34	15
152. Other diseases appertaining to infancy,																												
		5	5				5																				3	2
153. Lack of care																												
Total early infancy		54	54				54																				37	17
XII. Old Age.																												
154. Senile debility																												
		24																1	4	5	3	6	5			8	16	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison																												
		3								1					1	1											2	1
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms																												
		3								1	1					1											2	1
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures																												
		1												1													1	
165a. Luxations																												
166. Other accidental traumatisms																												
		24	1			2	3	4		1	4	1	1	2	2		2	1	1	1		1				20	4	
167. Burns and scalds																												
		4						1		1	1		1														2	2
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion																												
		15		1			1		1			4	1	4	3		1										15	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
		2								1					1												1	1
175. Other acute poisonings																												
		1														1											1	
176. Other external violence																												
		3	2	1			3																				2	1
Total affections, etc.		56	3	1	1		2	7	4	2		5	6	5	3	7	7	3	3	1	1	1		1			45	11
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death																												
		9	1	1		1		3	1		1	1	1	1		1											8	1
Total ill-defined diseases		9	1	1		1		3	1		1	1	1	1		1											8	1
Total from all causes.		934	128	28	24	10	8	198	26	22	25	43	49	47	54	48	57	61	41	50	66	49	42	27	20	10	494	440

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91. Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,523. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MAY, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAY 1905.	MAY 1904.	MAY 1905.	MAY 1904.		MAY 1905.	MAY 1904.	MAY 1905.	MAY 1904.
Cholera	—	—	—	—	Measles	99	771	—	3
Chicken-pox	14	67	—	—	Scarlatina	122	70	—	2
Cerebro-spinal Meningitis	39	8	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	118	238	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	45	40	—	—
Tuberculosis	157	202	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,370	Cattle condemned, 10	5,177 lbs.
Calves "	1,051	Calves "	—
Sheep "	100	Sheep "	—
Hogs "	1,714	Hogs "	5 830

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	517
" "	" " Wagons	697
" "	" brought in by Citizens	21
" "	" for bacteriological examination	506
" "	Vinegar	143
" "	Butter and Cheese	4
Total Samples,		1,048

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 2,046 lbs.	340 lbs.	Miscellaneous, 109 bush.
Poultry (tainted) 467 "		Fruit, — "
Pork " — "		
Mutton " — "		
Beef " 148 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	30
	Positive for release	10
	Negative for diagnosis	382
	Negative for release	82
	"No growth" cultures	19 523
TUBERCULOSIS:	Positive	70
	Negative	330
	Unsatisfactory	0 400
TYPHOID:	Positive	7
	Negative	71
	Unsatisfactory	10 88

Other examinations:*	Positive	7
	Negative	16
	Unsatisfactory	2 25
GLANDERS:	Positive	3
	Negative	6
	Unsatisfactory	3 12
Total		1,048

* Malaria, gonorrhoea, influenza, cerebro-spinal meningitis, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.90	46	63	N.W.	*T	Mean Barometer, 29.98.
2	30.12	50	48	W.	.00	Highest Barometer, 30.44 on the 5th.
3	29.93	62	74	S.W.	.00	Lowest Barometer, 29.53 on the 19th.
4	30.22	48	89	N.E.	.00	Monthly Range of Barometer, 0.91.
5	30.38	53	76	S.E.	.00	Mean Temperature, 58°.
6	30.08	64	78	S.W.	*T	Highest Temperature, 83° on the 7th, 28th, 29th.
7	29.82	70	69	S.W.	.08	Lowest Temperature, 38° on the 2d.
8	29.98	58	63	S.W.	.00	Monthly Range of Temperature, 45°.
9	29.82	58	88	W.	.08	Greatest Daily Range of Temperature, 30° on the 6th.
10	30.07	58	65	N.W.	.00	Least Daily Range of Temperature, 4° on the 17th.
11	30.07	65	42	W.	.00	Mean Daily Range of Temperature, 17°.
12	29.96	57	84	E.	.01	Mean Daily Dew-point, 45.
13	30.17	53	80	E.	.00	Mean Daily Relative Humidity, 68.
14	29.97	56	85	S.W.	.07	Prevailing Direction of Wind, W.
15	29.88	54	94	E.	.05	Total Movement of Wind, 8,046 miles.
16	29.96	46	94	N.-N.E.	.12	Highest Velocity of Wind and Direction (5 min.) 35—S.W.
17	29.91	45	93	N.E.	*T	Number of Foggy Days, 0. Fog on 15th, 16th. Number of Fair Days, 13.
18	29.64	50	94	N.	.91	Number of Clear Days, 9. Number of Cloudy Days, 9.
19	29.58	60	62	W.	.00	Total Number of Days on which Rain or Snow fell, 9.
20	29.80	50	47	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.00	54	50	W.	.00	Dates of Auroras, none. Dates of Lunar Halos, 14th.
22	29.96	58	50	W.	*T	Dates of Solar Halos, none. Thunder Storm, 9th—18th.
23	29.97	54	56	E.	.00	Dates of Frosts, none.
24	30.12	56	45	N.W.	.00	Mean Maximum Temperature, 66°. Mean Minimum Temperature, 49°.
25	30.16	62	51	S.W.	.00	MEAN TEMPERATURE for this month in
26	30.10	68	61	S.W.	.00	1871 58
27	30.06	69	76	S.W.	.01	1872 50
28	29.96	74	54	W.	.00	1873 57
29	29.94	72	46	W.	.00	1874 55
30	29.90	63	64	N.	.14	1875 58
31	30.10	56	57	E.	.00	1876 55
TOTALS.....	—	—	—	—	1.47	1877 55
MEANS.....	29.98	58	68	W.	.047	1878 56
						1879 60
						1880 64
						1881 57
						1882 51
						1883 56
						1884 55
						1885 53
						1886 57
						1887 60
						1888 63
						1889 60
						1890 57
						1891 56
						1892 56
						1893 56
						1894 58
						1895 60
						1896 60
						1897 58
						1898 56
						1899 58
						1900 55
						1901 54
						1902 58
						1903 58
						1904 61
						1905 58

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 57°.

Average monthly precipitation for 35 years, 3.39°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of June, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1905 797
Population estimated at 614,522 Rate per 1,000 inhabitants, 15.56

Total number	797	NATIVITY.	
SEX.		United States	506
Males	421	Ireland	140
Females	376	England	16
CONDITION.		Scotland	6
Single	394	Germany	16
Married	250	British America	54
Widowed	138	Italy	18
Divorced	4	Russia	9
Unknown	11	Sweden	3
COLOR.		Other Countries	11
White	782	Unknown	18
Black (Negro or mixed)	14	PARENTAGE.	
Indian	—	United States	166
Chinese	1	Irish	227
Japanese	—	English	20
Total deaths of children,	Under 1 year	Scotch	8
	Under 2 years	German	14
	Under 5 years	British American	45
Diarrhœal diseases,	Under 1 year	Italian	40
	Under 2 years	Russian	24
	Under 5 years	Swedish	11
	All ages	Other Countries	45
		Mixed	53
	One parent unknown	70	
	Unknown	74	
	Still-births during the month	64	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1905.	AGE.																	SEX.									
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	3											1	1					1								2	1	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	2							2																			2	
7. Scarlatina	3		1			1	2	1																		2	1	
8. Whooping cough	2	1					1					1														1	1	
9. Diphtheria and croup																												
9a. Diphtheria	13	1	2	2	1	1	7	4				1	1													6	7	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery																												
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	4	1					1	1				1			1											3	1	
19. Other epidemic affections																												
20. Purulent infection and septicemia . .	8	1				1	2		1	1	1	1	1				1									4	4	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycoosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx	2											1					1									2		
27. Tubercle of the lungs	94	3	2	1		6	3		6	11	15	11	14	7	9	6	2	3	1							55	39	
28. Tubercle of the meninges	9	2	1	3		6	3																			6	3	
29. Tubercle, abdominal	3								1		1	1														3		
30. Pott's disease																												
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings) . . .																												
33. Tubercle of other organs	1							1																		1		
34. Tubercle, generalized	5	1	1			2		1		1								1								2	3	
35. Scrofula	1		1			1																				1		
36. Syphilis																												
3. Tertiary	1												1													1		
4. Hereditary	4	4					4																			3	1	
37. Bleorrhagia of the adult																												
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity	1																	1								1		
40. Cancer and other malignant tumors of the stomach and liver	12																1	2	3	4	1	1				6	6	

CAUSES OF DEATH.

[illegible]

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for		AGE.																				SEX.							
		June, 1905.	July, 1905.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																															
78.	Endocarditis, acute	5								1							1	2	1										3	3	
79.	Organic diseases of the heart	82	1				1	1	2	1	2	2	1	5	6	7	6	7	14	4	11	8	1	3					38	4	
80.	Angina pectoris	2														1	1												2		
81.	Affections of the arteries (atheroma, aneurism, etc.)	9															1		2	1	1	2	1	1				5	4		
82.	Embolism and thrombosis	2															1						1					1	1		
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																														
84.	Affections of the lymphatic system (lymphangitis, etc.)																														
85.	Hemorrhages	2	1				1												1									1	1		
86.	Other affections of the circulatory apparatus																			1											
Total of circulatory apparatus		102	2				2	1	3	1	2	2	1	6	7	10	6	12	15	6	13	9	3	3					49	53	
IV. Diseases of the Respiratory Apparatus.																															
87.	Diseases of the nasal fossæ																														
88.	Affections of the larynx																														
89.	Affections of the thyroid body																														
90.	Bronchitis, acute	9	2	1			3					1	1								1	1	1	1				7	2		
91.	Bronchitis, chronic	6		1	1		2												1				2	1				4	2		
92.	Broncho-pneumonia	22	7	6	1		14	1			1	1	1	2				1			1							10	12		
93.	Pneumonia	49	6	4	2	1	13	2		1	1	1	2	4	3	7			5	4	1	2						24	25		
94.	Pleurisy	4		1			1	1	1												1							1	3		
95.	Pulmonary congestion and apoplexy . .	6	1				1						1	1	1			1			1							6	1		
96.	Gangrene of the lung																														
97.	Asthma	1																					1					1			
98.	Emphysema, pulmonary																														
99.	Other diseases of the respiratory apparatus (phthisis excepted)																														
Total respiratory apparatus		97	16	11	6	1	34	4		2	2	2	4	6	6	4	7	1	7	4	4	4	4	2				52	45		
V. Diseases of the Digestive Apparatus.																															
100.	Affections of the mouth and its adnexa .																														
101.	Affections of the pharynx																														
102.	Affections of the esophagus																														
103.	Ulcer of the stomach																														
104.	Other affections of the stomach (cancer excepted)	1												1														1			
105.	Diarrhœa and enteritis (under two years)	25	24	1			25																					15	10		
105a.	Diarrhœa and enteritis, chronic	2																1			1							1	1		
106.	Diarrhœa and enteritis (two years and over)																														
107.	Parasites, intestinal																														
108.	Hernia, intestinal obstructions	6	1				1	1					1						2	1								4	2		
109.	Other affections of the intestines . . .																														
110.	Icterus, grave																														
111.	Hydatid tumors of the liver																														
112.	Cirrhosis of the liver	8												1	1	1	1		2		1				1			5	3		
113.	Biliary calculi	1												1														1			
114.	Other affections of the liver	3												1					1				1					2	1		
115.	Affections of the spleen																														

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																								SEX.		
	Total Mortality for June, 1905.																								Males.	Females.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	2												1		1												
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	4	4				4																					4
XI. Early Infancy.																											
151. Congenital debility, lacerations and sclerema	42	42				42																				22	20
152. Other diseases appertaining to infancy,	11	11				11																				9	2
153. Lack of care																											
Total early infancy	53	53				53																				31	22
XII. Old Age.																											
154. Senile debility	17																2		3	5	7				2	15	
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	1								1																	1	
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms	2											1			1											2	
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	1	1				1																				1	
165a. Luxations																											
166. Other accidental traumatisms	26	2	2	1	5	2	2	1	3	3	2	3			2	1	1					1	24	2			
167. Burns and scalds	6			2						2		2													1	5	
168. Burns by corrosive substances																											
169. Insolation	3	1	1		2					1															1	2	
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion	7						1	1		1			3	1											7		
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	2								1											1				1	1		
175. Other acute poisonings	1														1									1			
176. Other external violence																											
Total affections, etc.	49	4	1	2	2	1	10	3	1	2	4	6	3	5	6	1	4	1		1		1		1	38	11	
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	13	1	2	2		1	6	2		1		1	2	1											5	8	
Total ill-defined diseases	13	1	2	2		1	6	2		1		1	2	1											5	8	
Total from all causes,	797	131	26	31	8	7	139	35	16	24	27	41	43	54	40	43	44	47	48	41	32	30	18	18	2	421	376

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,564. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JUNE, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JUNE 1905.	JUNE 1904.	JUNE 1905.	JUNE 1904.		JUNE 1905.	JUNE 1904.	JUNE 1905.	JUNE 1904.
Cholera	—	—	—	—	Measles	125	318	2	6
Chicken-pox	29	31	—	—	Scarlatina	84	78	—	1
Cerebro-spinal Meningitis . .	27	4	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	100	244	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	56	41	—	—
Tuberculosis	186	185	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected . . .	1,891	Cattle condemned, 6	3,192 lbs.
Calves " . . .	1,305	Calves " —	" "
Sheep " . . .	80	Sheep " 15	675 "
Hogs " . . .	2,008	Hogs " 4	725 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,058 lbs.	135 lbs.	Miscellaneous, 50 bush.
Poultry (tainted) 33 "		Fruit, 1 "
Mutton " 5 "		Tomatoes (cans)
Beef " 300 "		decayed 82 doz.
Eggs " 4 doz.		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined .	Milk from Stores	445
" " .	" " Wagons	735
" " .	" brought in by Citizens . . .	16
" " .	" for bacteriological examination	641
" " .	Vinegar	88
" " .	Butter and Cheese	30
	Total Samples,	1,955

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	26	Other examinations:* Positive	5		
	Positive for release	13		Negative	21	
	Negative for diagnosis	236		Unsatisfactory	0 26	
	Negative for release	66		GLANDERS:	Positive	2
	"No growth" cultures	20 . 361		Negative	3	
TUBERCULOSIS:	Positive	72	Unsatisfactory	5 10		
	Negative	232	Total	773		
	Unsatisfactory	0 . 304				
TYPHOID:	Positive	5	* Malaria, gonorrhoea, infected ear, etc.			
	Negative	57				
	Unsatisfactory	10 . 72				

* Malaria, gonorrhoea, infected ear, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.10	52	84	E.	.00	Mean Barometer, 29.96.
2	29.94	61	69	S.W.	.02	Highest Barometer, 30.15 on the 20th.
3	29.94	62	64	N.	.00	Lowest Barometer, 29.58 on the 26th.
4	30.09	66	64	S.W.	.00	Monthly Range of Barometer, 0.57.
5	29.90	68	65	W.	.00	Mean Temperature, 65.2°.
6	29.66	62	86	N.E.	.36	Highest Temperature, 90° on the 18th.
7	30.15	50	84	E.	.37	Lowest Temperature, 46° on the 5d.
8	29.88	50	86	N.	.15	Monthly Range of Temperature, 44°.
9	30.10	59	76	S.W.	.00	Greatest Daily Range of Temperature, 83° on the 26th.
10	30.06	70	54	S.	.00	Least Daily Range of Temperature, 3° on the 20th.
11	29.98	69	78	W.	.04	Mean Daily Range of Temperature, 17°.
12	29.81	64	88	S.W.	.90	Mean Daily Dew-point, 55.2.
13	29.77	68	94	W.	.03	Mean Daily Relative Humidity, 74.6.
14	29.97	74	64	W.	.00	Prevailing Direction of Wind, S. W.
15	30.14	68	72	S.W.	.00	Total Movement of Wind, 6,573 miles.
16	30.11	78	68	S.W.	.00	Highest Velocity of Wind and Direction 31—N. W. on the 3d.
17	30.06	78	74	S.W.	.04	Number of Foggy Days, 0. Number of Fair Days, 7.
18	29.98	80	76	S.W.	.07	Number of Clear Days, 9. Number of Cloudy Days, 14.
19	30.06	64	100	E.	.96	Total Number of Days on which Rain or Snow fell, 15.
20	30.15	52	93	E.	*T	Depth of Unmelted Snow on ground at end of month, none.
21	30.02	55	96	E.	.76	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.86	68	94	N.W.	.47	Dates of Solar Halos, none. Thunder Storm, 18th, 19th, 26th, 27th.
23	29.95	72	72	N.W.	.02	Dates of Frosts, none.
24	30.13	70	59	W.	.00	Mean Maximum Temperature, 73.7°. Mean Minimum Temperature, 56.8°.
25	29.86	72	56	W.	.00	MEAN TEMPERATURE for this month is
26	29.58	70	86	N.	.85	Total Precipitation for this Month is Inches.
27	29.80	58	71	N.W.	.19	1871 66 1871 5.55
28	29.86	64	58	N.W.	*T	1872 68 1872 4.84
29	29.93	71	49	N.W.	.00	1873 68 1873 0.54
30	30.09	67	54	S.E.	.00	1874 66 1874 3.94
						1875 67 1875 7.25
						1876 68 1876 1.72
						1877 67 1877 3.21
						1878 64 1878 2.28
						1879 64 1879 6.24
						1880 67 1880 0.75
						1881 61 1881 7.79
						1882 66 1882 1.63
						1883 69 1883 3.70
						1884 66 1884 2.07
						1885 66 1885 4.01
						1886 63 1886 1.34
						1887 64 1887 1.98
						1888 67 1888 3.69
						1889 69 1889 2.77
						1890 64 1890 2.21
						1891 65 1891 3.06
						1892 70 1892 3.05
						1893 65 1893 2.20
						1894 69 1894 0.80
						1895 67 1895 1.73
						1896 66 1896 2.72
						1897 62 1897 4.46
						1898 66 1898 1.60
						1899 70 1899 2.86
						1900 69 1900 1.85
						1901 68 1901 1.31
						1902 64 1902 1.77
						1903 60 1903 7.19
						1904 64 1904 2.06
						1905 65 1905 5.23
TOTALS	—	—	—	—	5.23	
MEANS	29.964	65.2	74.6	S.W.	.174	

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 66°.

Average monthly precipitation for 35 years, 3.06".



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D. *Rec'd. S. Chairman. 19 1905*

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1905 1,008
Population estimated at 628,422 Rate per 1,000 inhabitants, 19.25

Total number 1,008

SEX.

Males 561
Females 447

CONDITION.

Single 563
Married 280
Widowed 151
Divorced 3
Unknown 11

COLOR.

White 979
Black (Negro or mixed) 28
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 284
Under 2 years 337
Under 5 years 367

Diarrhoeal diseases, { Under 1 year 140
Under 2 years 163
Under 5 years 167
All ages 177

NATIVITY.

United States 666
Ireland 182
England 18
Scotland 4
Germany 9
British America 69
Italy 19
Russia 11
Sweden 6
Other Countries 14
Unknown 10

PARENTAGE.

United States 223
Irish 311
English 14
Scotch 6
German 15
British American 69
Italian 48
Russian 29
Swedish 10
Other Countries 62
Mixed 79
One parent unknown 59
Unknown 83
Still-births during the month 54

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																									SEX.		
	Total Mortality for July, 1905.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
1. General Diseases.																												
1. Typhoid Fever	8	1					1				3	1	1	1				1								3	5	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	6		4	1	1		6																			4	2	
7. Scarlatina	2			1			1	1																		1	1	
8. Whooping cough	1	1					1																				1	
9. Diphtheria and croup	1							1																		1		
9a. Diphtheria	5		1	2		2	5																			2	3	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	3								1											2						2	1	
14. Dysentery	3	1					1								1						1					2	1	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	4		1				1				2	1														3	1	
19. Other epidemic affections																												
20. Purulent infection and septicemia . .	4	2					2					1	1													2	2	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	87	2		1		3	2	1	8	10	12	18	10	3	5	5	4	3		2		1				51	36	
28. Tubercle of the meninges	7	2	2				4		1		2															3	4	
29. Tubercle, abdominal	2											2														1	1	
30. Pott's disease	1																	1									1	
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings) . . .																												
33. Tubercle of other organs	2							1							1											1	1	
34. Tubercle, generalized	3	2					2			1																2	1	
35. Scrophula																												
36. Syphilis																												
3. Tertiary																												
4. Hereditary																												
37. Bleorrhagia of the adult	1	1					1																			1		
38. Gonococcal infections of the child . .																												
39. Cancer and other malignant tumors of the buccal cavity	2													1					1							2		
40. Cancer and other malignant tumors of the stomach and liver	12										1			1	2	2	1	1	4							7	5	

MONTHLY STATEMENT OF DEATHS.

[illegible]

CAUSES OF DEATH.

		AGE.																									SEX.		
		Total Mortality for July, 1860.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78.	Endocarditis, acute	4							1		1	2															2	2	
79.	Organic diseases of the heart	73	1				1	2	1	1		4	1	1	3	12	11	7	7	5	6	6	2	3			39	1	
80.	Angina pectoris	2														1				1									
81.	Affections of the arteries (atheroma, aneurism, etc.)	10														1	3		2	2		2					7	3	
82.	Embolism and thrombosis	3											1			1									1		1	2	
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84.	Affections of the lymphatic system (lymphangitis, etc.)																	1										1	
85.	Hemorrhages	1																1											
86.	Other affections of the circulatory apparatus																												
	Total of circulatory apparatus	93	1				1	2	2	1	1	6	1	2	4	12	17	7	9	7	7	8	2	4			50	43	
IV. Diseases of the Respiratory Apparatus.																													
87.	Diseases of the nasal fossæ																												
88.	Affections of the larynx																												
89.	Affections of the thyroid body																												
90.	Bronchitis, acute	10	3	2	1		6										1				1		2				4	6	
91.	Bronchitis, chronic	4																			2	1	1				2	2	
92.	Broncho-pneumonia	8	2	4	1	1	8																				3	5	
93.	Pneumonia	49	12	1	5		18	2				1	4	3	3	7		2	2	3	2	1	1				33	16	
94.	Pleurisy	1		1			1																				1		
95.	Pulmonary congestion and apoplexy																												
96.	Gangrene of the lung																												
97.	Asthma																												
98.	Emphysema, pulmonary																												
99.	Other diseases of the respiratory apparatus (phthisis excepted)	2															1		1									2	
	Total respiratory apparatus	74	17	7	7	2	33	2				1	4	3	3	7	1	3	3	3	4	3	2	2			43	31	
V. Diseases of the Digestive Apparatus.																													
100.	Affections of the mouth and its adnexa.																												
101.	Affections of the pharynx																												
102.	Affections of the esophagus	1														1											1		
103.	Ulcer of the stomach																												
104.	Other affections of the stomach (cancer excepted)	11	6	1			7							1			1	1	1								1	10	
105.	Diarrhœa and enteritis (under two years)	162	139	23			162																				99	63	
105a.	Diarrhœa and enteritis, chronic	3																		2		1					3		
106.	Diarrhœa and enteritis (two years and over)	6		4			4	1															1				1	5	
107.	Parasites, intestinal																												
108.	Hernia, intestinal obstructions	13	1				1				1	1		1		2	1	2	1	3							5	8	
109.	Other affections of the intestines	1										1															1		
110.	Icterus, grave																												
111.	Hydatid tumors of the liver																												
112.	Cirrhosis of the liver	8											1	1	2				2	2							5	3	
113.	Biliary calculi	3													1			2									2	1	
114.	Other affections of the liver	5	1				1						1			1	1				1						1	4	
115.	Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																									SEX.		
	Total Mortality for July, 1905.	Under 1 year.	1 year and 3 years.	2 years and 3 years.	3 years and 4 years.	4 years and 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
—Concluded.																												
116. Peritonitis, simple (puerperal excepted),	11							1	3		2	2	1					1						1		3	8	
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																	1										
118. Appendicitis and abscess of the iliac fossa	15							1	5			1	1	2	2	1		1		1						10	5	
Total digestive apparatus	240	147	23	5			175	3	8	1	3	6	5	5	6	3	5	7	8	2	1	1	1			129	111	
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																												
119. Nephritis, acute	23										1	1	3	1	2	2	2	2	4	1	2	1		1		19	4	
120. Bright's disease	11													1	1	1		1	4	1	2					6	5	
121. Other diseases of the kidneys and their adnexa	1													1													1	
122. Calculi of the urinary tract																												
123. Diseases of the bladder	3															1	1								1	3		
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	3																1					1	1			3		
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	1																										1	
130. Other diseases of the uterus	1													1													1	
131. Cysts and other tumors of the ovary	5										1				1	1	1						1				5	
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	48										2	1	3	4	4	5	5	3	8	2	4	3	2	1	1	51	17	
VII. Puerperal State.																												
134. Accidents of pregnancy	2													2													2	
135. Hemorrhage, puerperal																												
136. Other accidents of labor	1												1														1	
137. Septicemia, puerperal	2									1			1														2	
138. Albuminuria and puerperal eclampsia,	3									1		2															3	
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	8								1	1		6															8	
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	1																		1								1	
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess																												
145d. Other diseases of the skin and its adnexa	1	1					1																				1	
Total skin tissue	2	1					1													1						1	1	
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)	3	1	2				3																				2	1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1905.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		3	1	2			3																				2	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)		3	3				3																				3	
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		70	70				70																				38	32
152. Other diseases appertaining to infancy,		9	9				9																				7	2
153. Lack of care																												
Total early infancy		79	79				79																				45	34
XII. Old Age.																												
154. Senile debility		25																1	2	4	4	6	7	1		11	14	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison												1		1													1	1
156. Suicide by asphyxia		2																		1							1	
157. Suicide by hanging or strangulation		1																			1						1	
158. Suicide by submersion		1																1									1	
159. Suicide by firearms		3												1					2								3	
160. Suicide by cutting instruments		1															1										1	
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		8				1	1					1	1	1		1		1	1	1							6	2
165a. Luxations																												
166. Other accidental traumatisms		39		1	2		3		1	2	2	4	3	3	1	2	2	3	4	4	2	1	2				31	8
167. Burns and scalds		3	2			2					1																	3
168. Burns by corrosive substances																												
169. Inosolation		25	5		1	6					4	1	1	6	1	2		1		1				1	1		17	8
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion		6						2			2	1	1														6	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings		2											1		1												1	1
176. Other external violence		4	1			1					1	1					1										4	
Total affections, etc.		95	6	2	1	3	1	13	2	1	2	3	14	7	7	9	4	5	6	8	6	3	1	2	1	1	72	23
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death		3	1			1					1																1	3
Total ill-defined diseases		3	1			1					1																1	3
Total from all causes,		1,008	1,284	133	19	8	3	367	17	11	28	24	48	50	47	37	57	51	43	54	49	40	29	25	18	4	561	447

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. *Tenement houses, four or more families, 5,564. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JULY 1905.	JULY 1904.	JULY 1905.	JULY 1904.		JULY 1905.	JULY 1904.	JULY 1905.	JULY 1904.
Cholera	—	—	—	—	Measles	97	140	—	—
Chicken-pox	11	18	—	—	Scarlatina	39	42	—	—
Cerebro-spinal Meningitis	6	3.	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	110	167	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	51	48	—	—
Tuberculosis	156	163	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,016	Cattle condemned, 5	3,072 lbs.
Calves "	856	Calves "	— " "
Sheep "	105	Sheep "	— " "
Hogs "	1,283	Hogs "	2 395 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,112 lbs.	525 lbs.	Miscellaneous, 30 bush
" (tainted) 594 "		Fruit, 38 "
Poultry " 553 "		
Mutton " 90 "		
Beef " 60 "		
Pork " 145 "		
Bear " 400 "		
Eggs " 41 doz.		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	312
" "	" " Wagons	505
" "	" brought in by Citizens	19
" "	" for bacteriological examination	434
" "	Vinegar	95
" "	Butter and Cheese	11
Total Samples,		1,376

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	42
	Positive for release	23
	Negative for diagnosis	218
	Negative for release	104
	"No growth" cultures	14 401
TUBERCULOSIS:	Positive	64
	Negative	203
	Unsatisfactory	0 267
TYPHOID:	Positive	2
	Negative	86
	Unsatisfactory	1 89

Other examinations:*	Positive	7
	Negative	20
	Unsatisfactory	1 28
GLANDERS:	Positive	0
	Negative	7
	Unsatisfactory	4 11
Total		796

* Malaria and tubercle virulence test.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.11	70	65	S.W.	.00	Mean Barometer, 29.97.
2	29.96	68	62	S.W.	.11	Highest Barometer, 30.15 on the 6th.
3	29.93	68	78	E.	.11	Lowest Barometer, 29.58 on the 31st.
4	30.02	76	57	W.	.00	Monthly Range of Barometer, 0.57.
5	30.12	72	74	S.	.00	Mean Temperature, 73°.
6	30.12	71	80	S.	.00	Highest Temperature, 94° on the 18th and 19th.
7	30.05	73	84	W.	.00	Lowest Temperature, 59° on the 22d and 31st.
8	29.96	77	78	S.W.	.00	Monthly Range of Temperature, 35°.
9	29.95	62	78	W.	*T	Greatest Daily Range of Temperature, 24° on the 8th.
10	30.02	82	83	W.	*T	Least Daily Range of Temperature, 3° on the 30th.
11	30.10	70	78	E.	*T	Mean Daily Range of Temperature, 15.6°.
12	30.10	80	66	S.	.00	Mean Daily Dew-point, 61.6.
13	30.08	82	75	S.W.	*T	Mean Daily Relative Humidity, 72.0.
14	30.00	80	57	W.	.55	Prevailing Direction of Wind, W.
15	30.02	74	60	N.W.	*T	Total Movement of Wind, 6,928 miles.
16	30.08	72	78	W.	.00	Highest Velocity of Wind and Direction 22—S.W. on the 13th.
17	29.86	80	59	N.W.	*T	Number of Foggy Days, 4.
18	29.86	83	62	W.	.00	Number of Fair Days, 9.
19	29.78	84	56	W.	.02	Number of Clear Days, 14.
20	29.76	78	66	W.	.00	Total Number of Days on which Rain or Snow fell, 15.
21	29.91	69	56	N.E.	.00	Depth of Unmelted Snow on ground at end of month, none.
22	30.02	68	51	N.E.	.00	Dates of Auroras, none.
23	30.02	64	76	E.	*T	Dates of Lunar Halos, 8.
24	29.99	66	82	S.E.	*T	Dates of Solar Halos, 22.
25	29.90	72	73	S.W.	.00	Thunder Storms, 9th, 10th, 14th.
26	30.00	70	57	W.	*T	Dates of Frosts, none.
27	30.04	71	47	W.	.00	Mean Maximum Temperature, 81.0°. Mean Minimum Temperature, 65.4°.
28	30.08	73	53	S.	.00	MEAN TEMPERATURE for this month is
29	29.99	68	95	E.	*T	Total Precipitation for this month is inches.
30	29.66	66	98	N.E.	.17	1871 71 1871 3.52
31	29.62	62	92	N.	.04	1872 75 1872 4.00
TOTALS	—	—	—	—	1.00	1873 73 1873 3.84
MEANS	29.97	73.3	72.0	W.	.032	1874 73 1874 3.47
						1875 71 1875 3.33
						1876 74 1876 5.86
						1877 70 1877 2.27
						1878 73 1878 4.58
						1879 70 1879 3.09
						1880 70 1880 6.86
						1881 68 1881 2.96
						1882 72 1882 3.91
						1883 71 1883 2.73
						1884 68 1884 4.35
						1885 71 1885 1.44
						1886 71 1886 1.81
						1887 73 1887 3.59
						1888 70 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.98
						1891 69 1891 3.73
						1892 73 1892 2.56
						1893 71 1893 1.72
						1894 74 1894 3.09
						1895 69 1895 2.98
						1896 72 1896 2.90
						1897 72 1897 4.22
						1898 72 1898 4.42
						1899 73 1899 2.92
						1900 74 1900 2.69
						1901 73 1901 5.20
						1902 69 1902 2.88
						1903 71 1903 2.99
						1904 71 1904 1.23
						1905 73 1905 1.00

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 71°.

Average monthly precipitation for 35 years, 33.0°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1905 977
Population estimated at 628,422 Rate per 1,000 inhabitants, 18.66

Total number 977

SEX.

Males 537
Females 440

CONDITION.

Single 584
Married 252
Widowed 126
Divorced 2
Unknown 13

COLOR.

White 964
Black (Negro or mixed) 12
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 318
 { Under 2 years 376
 { Under 5 years 405

Diarrhœal diseases, { Under 1 year 165
 { Under 2 years 197
 { Under 5 years 204
 { All ages 233

NATIVITY.

United States 658
Ireland 144
England 14
Scotland 10
Germany 18
British America 58
Italy 16
Russia 21
Sweden 11
Other Countries 11
Unknown 16

PARENTAGE.

United States 195
Irish 307
English 19
Scotch 12
German 22
British American 59
Italian 63
Russian 42
Swedish 10
Other Countries 51
Mixed 84
One parent unknown 56
Unknown 57
Still-births during the month 39

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1906.		AGE.																								SEX.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	8													2		2	2	2								1	7	
42. Cancer and other malignant tumors of the genital organs of the female	7												1	2			1	2	1									
43. Cancer and other malignant tumors of the breast	6											1				1		1	1	1	1				1			
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	7						1								1				1	2	2				2	5		
46. Other tumors (tumors of the female genital organs excepted)	1																			1						1		
47. Rheumatism, acute, articular	2						1							1											1	1		
48. Rheumatism, chronic, and gout.																												
49. Scorbutus																												
50. Diabetes	8															1	1		1							3		
51. Goitre, exophthalmic	1															1										1		
52. Addison's disease																												
53. Leukemia	2												2												2			
54. Anemia, chlorosis	1												1												1			
55. Other general diseases																												
56. Alcoholism, acute and chronic	16								1	2	5		2	4				1	1						13	3		
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings	1																		1						1			
Total general diseases	255	23	10	5	4	3	45	6	4	13	17	23	22	14	21	22	14	11	18	9	7	9			140	115		
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	16	8	2				10	2	1				1				2								10	6		
61a. Meningitis, epidemic cerebrospinal	9			1			1	2	3	2			1												8	1		
62. Locomotor ataxia, progressive																												
63. Other diseases of the spinal cord	1											1													1			
64. Cerebral congestion and hemorrhage	37	1		1	2					1	1	2	1	1	2	3	4	10	6	1	3				16	21		
65. Cerebral softening	1																			1					1			
66. Paralysis, without cause assigned	5															2		1	2						1	4		
67. General paralysis	1																1								1			
68. Other forms of mental alienation	2															1				1					1	1		
69. Epilepsy	1						1																			1		
70. Eclampsia (non-puerperal)																												
71. Convulsions of children	4	4				4																			2	2		
72. Tetanus																												
73. Chorea																												
74. Hysteria																												
74b. Other affections of the nervous system	3											1				1			1						2	1		
75. Diseases of the eye and appendages																												
76. Diseases of the ear	1	1				1																				1		
Total of the nervous system, etc.,	81	14	2	1	1	18	5	4		2	1	3	2	3	1	7	3	7	13	7	2	3			44	37		
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	1												1													1		

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	Total Mortality for August, 1906.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
—Concluded.																												
116. Peritonitis, simple (puerperal excepted),	7											1	2		1		1										1	6
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118. Appendicitis and abscess of the ilia fossa	13	1					1	2	2			3	2		1		1	1									8	5
Total digestive apparatus	283	178	82	3	4		215	6	3			5	3	2	3	2	5	7	6	6	10	4	3	2		1	146	137
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																												
119. Nephritis, acute	24							1	1	1		1	1	3	4	1	2	3	3	3							13	11
120. Bright's disease	13							1				1	3	2		2			1	1			1		1	7	6	
121. Other diseases of the kidneys and their adnexa	1											1															1	
122. Calculi of the urinary tract																												
123. Diseases of the bladder	1																		1								1	
124. Diseases of the urethra, urinary abscess, etc.																												
125. Diseases of the prostate	3																			1	1				1		3	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	1											1															1	
130. Other diseases of the uterus	1											1																
131. Cysts and other tumors of the ovary	1																			1							1	
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	45							1	1	1	3	2	1	4	5	4	3	2	4	6	5			1	1	1	24	21
VII. Puerperal State.																												
134. Accidents of pregnancy																												
135. Hemorrhage, puerperal																												
136. Other accidents of labor	2												2															2
137. Septicemia, puerperal	1																											1
138. Albuminuria and puerperal eclampsia,												1																
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	3											1		2														3
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	3													1		1								1				3
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess	1													1													1	
145. Other diseases of the skin and its adnexa																												
Total skin tissue	4														2		1							1				4
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)																												
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1905.	AGE.																								SEX.	
																										Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes.																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,575. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUGUST, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	AUGUST 1905.	AUGUST 1904.	AUGUST 1905.	AUGUST 1904.		AUGUST 1905.	AUGUST 1904.	AUGUST 1905.	AUGUST 1904.
Cholera	—	—	—	—	Measles	45	35	5	—
Chicken-pox	4	2	—	—	Scarlatina	29	45	—	—
Cerebro-spinal Meningitis . .	7	1	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	92	177	—	—	Typhus fever	—	—	—	—
Falmonary and Laryngeal					Typhoid fever	120	157	—	—
Tuberculosis	180	200	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,608	Cattle condemned, 5	2,860 lbs.
Calves "	1,236	Calves " —	— "
Sheep "	138	Sheep " —	— "
Hogs "	1,511	Hogs " 2	370 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	640 lbs.			Miscellaneous,	75 bush.
" (tainted)	537 "			Fruit,	23 "
Poultry "	92 "				
Mutton "	— "				
Beef "	65 "				
Eggs "	3 doz.				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	472
" "	" " Wagons	573
" "	" brought in by Citizens	17
" "	" for bacteriological examination	261
" "	Vinegar	140
" "	Butter and Cheese	84
	Total Samples,	1,547

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	40
	Positive for release	20
	Negative for diagnosis	187
	Negative for release	75
	"No growth" cultures	14 . 336
TUBERCULOSIS:	Positive	54
	Negative	153
	Unsatisfactory	0 . 207
TYPHOID:	Positive	18
	Negative	155
	Unsatisfactory	7 . 180

Other examinations:*	Positive	1
	Negative	31
	Unsatisfactory	5 . 37
GLANDERS:	Positive	1
	Negative	4
	Unsatisfactory	1 . 6
	Total	768

* Malaria, gonorrhea and suspected anthrax.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.84	62	89	N.	.09	Mean Barometer, 29.99.
2	29.92	68	69	W.	.07	Highest Barometer, 30.27 on the 18th.
3	30.00	70	62	W.	.00	Lowest Barometer, 29.59 on the 30th.
4	30.04	72	66	W.	.00	Monthly Range of Barometer, 0.68.
5	30.05	75	76	S.W.	.00	Mean Temperature, 68.6°
6	29.91	69	84	E.	.00	Highest Temperature, 90° on the 22d.
7	29.86	77	66	W.	.00	Lowest Temperature, 51° on the 28 th
8	30.02	74	63	S.W.	.00	Monthly Range of Temperature, 39°.
9	30.10	74	86	S.W.	.13	Greatest Daily Range of Temperature, 23° on the 22d.
10	30.11	78	78	S.W.	.00	Least Daily Range of Temperature, 4° on the 16th.
11	30.12	80	82	S.W.	.01	Mean Daily Range of Temperature, 14.°
12	29.94	80	82	S.W.	1.53	Mean Daily Dew-point, 59.
13	29.96	74	58	N.	.00	Mean Daily Relative Humidity, 74.
14	30.10	64	63	S.E.	.00	Prevailing Direction of Wind, S.W.
15	29.90	60	80	E.	.46	Total Movement of Wind, 6,552 miles.
16	29.82	56	86	N.E.	.22	Highest Velocity of Wind and Direction 24—E. on the 15th.
17	30.16	61	74	N.W.	.00	Number of Foggy Days, 6.
18	30.26	62	72	E.	.00	Number of Clear Days, 13.
19	30.16	60	78	E.	.00	Number of Fair Days, 8.
20	30.00	62	82	E.	*T	Number of Cloudy Days, 10.
21	30.03	68	79	E.	.00	Total Number of Days on which Rain or Snow fell, 15.
22	29.94	78	76	S.W.	.13	Depth of Unmelted Snow on ground at end of month, none.
23	30.00	76	56	N.W.	.00	Dates of Auroras, none.
24	29.98	78	64	S.W.	*T	Dates of Lunar Halos, none.
25	30.08	68	82	E.	.20	Dates of Solar Halos, none.
26	30.02	64	70	N.E.	.00	Thunder Storms, 2d, 11th, 12th, 22d, 27th, 30th.
27	30.10	53	76	N.	.04	Dates of Frosts, none.
28	30.11	61	64	S.W.	.00	Mean Maximum Temperature, 75.6°.
29	29.83	66	74	S.W.	.09	Mean Minimum Temperature, 61.6°.
30	29.64	69	74	S.W.	.32	MEAN TEMPERATURE for this month is
31	29.78	62	89	N.E.	.10	Total Precipitation for this Month in Inches.
TOTALS.....	—	—	—	—	3.39	1871 72 1871 3.08
MEANS.....	29.99	68.6	74.0	S.W.	.109	1872 72 1872 10.68
						1873 69 1873 6.31
						1874 68 1874 6.57
						1875 71 1875 3.50
						1876 70 1876 1.23
						1877 71 1877 4.49
						1878 68 1878 7.66
						1879 68 1879 6.71
						1880 69 1880 2.90
						1881 70 1881 1.23
						1882 70 1882 1.46
						1883 68 1883 0.39
						1884 68 1884 5.01
						1885 67 1885 7.64
						1886 68 1886 3.64
						1887 67 1887 3.05
						1888 71 1888 6.53
						1889 70 1889 3.95
						1890 70 1890 2.70
						1891 70 1891 3.87
						1892 70 1892 4.87
						1893 70 1893 6.46
						1894 68 1894 3.03
						1895 71 1895 3.24
						1896 71 1896 2.15
						1897 70 1897 3.95
						1898 73 1898 6.38
						1899 69 1899 2.52
						1900 71 1900 2.46
						1901 71 1901 3.25
						1902 68 1902 2.20
						1903 65 1903 3.33
						1904 69 1904 2.19
						1905 69 1905 3.39

*T indicates trace of precipitation.

Average mean temperature for 35 years, 69°.

Average monthly precipitation for 35 years, 4.08°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,
Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1905.	836
Population estimated at 628,422	Rate per 1,000 inhabitants, 15.96

Total number	836
------------------------	-----

SEX.

Males	436
Females	400

CONDITION.

Single	452
Married	254
Widowed	123
Divorced	1
Unknown	6

COLOR.

White	815
Black (Negro or mixed)	20
Indian	—
Chinese	1
Japanese	—

Total deaths of children,	Under 1 year	231
	Under 2 years	264
	Under 5 years	294

Diarrhoeal diseases,	Under 1 year	87
	Under 2 years	94
	Under 5 years	95
	All ages	103

NATIVITY.

United States	560
Ireland	145
England	21
Scotland	11
Germany	7
British America	38
Italy	13
Russia	14
Sweden	4
Other Countries	12
Unknown	11

PARENTAGE.

United States	188
Irish	266
English	18
Scotch	11
German	19
British American	33
Italian	47
Russian	36
Swedish	6
Other Countries	57
Mixed	71
One parent unknown	36
Unknown	48
Still-births during the month	43

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1905.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	22			1		1		3	4	2	3	3	3		1	1		1									17	5
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles	2	1	1			2																					2	
7. Scarlatina	2	1	1			2																					1	1
8. Whooping cough																												
9. Diphtheria and croup	1	1				1																					1	
9a. Diphtheria	3							3																			2	1
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras																												
14. Dysentery	2		1			1												1									2	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	2										2																1	1
19. Other epidemic affections	1	1				1																						1
20. Purulent infection and septicemia	3	1				1						1							1								2	1
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	92	2	2			4	2	2	8	12	16	12	9	11	4	4	3	4		1							46	52
28. Tubercle of the meninges	15	2	2	2		2	8	4		1		1	1														8	7
29. Tubercle, abdominal	1	1				1																					1	
30. Pott's disease	1						1																					1
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	2	1				1			1																		1	1
34. Tubercle, generalized																												
35. Scrofula																												
36. Syphilis																												
3. Tertiary	1									1																	1	
4. Hereditary																												
37. Bleorrhagia of the adult																												
38. Gonococcal infections of the child																												
39. Cancer and other malignant tumors of the buccal cavity	6												1		1	2	1		1								3	3
40. Cancer and other malignant tumors of the stomach and liver	16												1	1	1	3	5	3	1	1							5	11

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1906.	AGE.																				SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,575. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPTEMBER, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	SEPT. 1905.	SEPT. 1904.	SEPT. 1905.	SEPT. 1904.		SEPT. 1905.	SEPT. 1904.	SEPT. 1905.	SEPT. 1904.
Cholera	—	—	—	—	Measles	41	14	—	—
Chicken-pox	3	3	—	1	Scarlatina	50	36	—	—
Cerebro-spinal Meningitis	2	2	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	76	196	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	184	167	—	—
Tuberculosis	161	156 *	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,499	Cattle condemned, 3	2,488 lbs.
Calves "	764	Calves " — — —	"
Sheep "	174	Sheep " — — —	"
Hogs "	1,809	Hogs " — — —	"

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	406
" "	" " Wagons	511
" "	" brought in by Citizens	12
" "	" for bacteriological examination	216
" "	Vinegar	136
" "	Butter and Cheese	44
	Total Samples,	1,325

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 213 lbs.	lbs.	Miscellaneous, 7 bush.
" (tainted) 80 "		Fruit, 5 "
Poultry " 870 "		Miscellaneous
Mutton " 175 "		Canned Goods, 4,675
Beef " 478 "		
Pork " 117 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	42	Other examinations:* Positive	10	
	Positive for release	30		Negative	30
	Negative for diagnosis	167		Unsatisfactory	2 42
	Negative for release	72			
	"No growth" cultures	4 315			
TUBERCULOSIS:	Positive	69	GLANDERS:	Positive	3
	Negative	196		Negative	4
	Unsatisfactory	0 265		Unsatisfactory	11 18
				Total	833
TYPHOID:	Positive	22	*Malaria, gonorrhoea and ophthalmia		
	Negative	130			
	Unsatisfactory	41 193			

* Malaria, gonorrhoea and ophthalmia

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.03	63	76	W.	.00	Mean Barometer, 30.06.
2	30.18	61	87	S.E.	.07	Highest Barometer, 30.43 on the 16th.
3	30.18	66	95	S.E.	2.88	Lowest Barometer, 29.80 on the 23d.
4	29.96	70	92	S.W.	1.73	Monthly Range of Barometer, 0.63.
5	29.92	72	84	W.	.00	Mean Temperature, 62°.
6	29.94	67	79	W.	.01	Highest Temperature, 81° on the 22d.
7	30.01	64	82	W.	.02	Lowest Temperature, 41° on the 27th.
8	30.14	64	66	N.W.	.00	Monthly Range of Temperature, 40°.
9	30.24	66	76	N.W.	.00	Greatest Daily Range of Temperature, 25° on the 28th.
10	30.20	67	71	W.	.00	Least Daily Range of Temperature, 4° on the 19th.
11	30.12	68	82	S.W.	*T	Mean Daily Range of Temperature, 14.3°
12	29.96	62	94	S.E.	.17	Mean Daily Dew-point, 53.8.
13	29.98	62	82	N.W.	.00	Mean Daily Relative Humidity, 76.8.
14	30.32	53	56	N.	.00	Prevailing Direction of Wind, W.
15	30.40	52	72	S.E.	.00	Total Movement of Wind, 6,193 miles.
16	30.28	59	78	S.	*T	Highest Velocity of Wind and Direction 30—N.W. on the 25th.
17	30.27	64	83	S.	.01	Number of Foggy Days, 6. Number of Fair Days, 5.
18	30.19	62	88	E.	.02	Number of Clear Days, 10. Number of Cloudy Days, 15.
19	30.10	62	96	N.E.	.19	Total Number of Days on which Rain or Snow fell, 9.
20	29.97	66	92	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.94	67	74	S.W.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.86	70	69	S.W.	.00	Dates of Solar Halos, 21st. Thunder Storms, 6th.
23	29.89	62	62	N.W.	.00	Dates of Frosts, none.
24	29.94	58	64	S.W.	.00	Mean Maximum Temperature, 69.1°. Mean Minimum Temperature, 54.9°.
25	29.89	53	58	N.W.	.00	MEAN TEMPERATURE for this month in Total Precipitation for this Month in inches.
26	30.07	49	59	N.W.	.00	1871 59 1871 1.80
27	30.01	52	60	W.	*T	1872 64 1872 6.04
28	29.96	62	64	W.	.00	1873 63 1873 2.91
29	30.14	56	78	S.E.	.00	1874 64 1874 2.05
30	30.10	60	86	E.	.00	1875 61 1875 3.12
31						1876 60 1876 3.84
TOTALS	—	—	—	—	5.10	1877 65 1877 0.60
MEANS	30.06	62.0	76.8	W.	.170	1878 64 1878 3.47
						1879 62 1879 1.84
						1880 65 1880 2.36
						1881 63 1881 2.50
						1882 64 1882 10.93
						1883 60 1883 1.50
						1884 67 1884 0.31
						1885 60 1885 1.70
						1886 63 1886 2.75
						1887 60 1887 0.97
						1888 60 1888 6.77
						1889 63 1889 3.19
						1890 63 1890 5.04
						1891 67 1891 2.29
						1892 62 1892 1.90
						1893 60 1893 1.69
						1894 65 1894 2.14
						1895 66 1895 1.63
						1896 62 1896 6.40
						1897 63 1897 2.38
						1898 66 1898 1.86
						1899 62 1899 5.09
						1900 65 1900 4.62
						1901 65 1901 2.50
						1902 63 1902 2.08
						1903 64 1903 2.43
						1904 62 1904 5.57
						1905 62 1905 5.10

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 63.01°.

Average monthly precipitation for 35 years, 3.92°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1905. 837
Population estimated at 628,422 Rate per 1,000 inhabitants, 15.98

Total number 837

SEX.

Males 442
Females 395

CONDITION.

Single 411
Married 276
Widowed 132
Divorced 4
Unknown 14

COLOR.

White 821
Black (Negro or mixed) 15
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 177
 Under 2 years 204
 Under 5 years 232

Diarrhæal diseases, { Under 1 year 36
 Under 2 years 38
 Under 5 years 38
 All ages 43

NATIVITY.

United States 508
Ireland 147
England 31
Scotland 11
Germany 9
British America 69
Italy 13
Russia 14
Sweden 3
Other Countries 16
Unknown 16

PARENTAGE.

United States 178
Irish 285
English 19
Scotch 14
German 16
British American 51
Italian 32
Russian 33
Swedish 8
Other Countries 48
Mixed 58
One parent unknown 33
Unknown 62
Still-births during the month 61

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1905.	AGE.																								SEX.	
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																					Males.	Females.		
I. General Diseases.																											
1. Typhoid Fever	21			1		1		2		5	2	3	4				3	1								13	8
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	4		3		1	4																				8	1
7. Scarlatina																											
8. Whooping cough	2	2				2																				2	
9. Diphtheria and croup																											
9a. Diphtheria	4		1	2	1	4																				3	1
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras	1	1				1																					1
14. Dysentery	1																									1	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2	1				1													1							2	
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	1																				1					1	
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	88	2	1	1		4	3	2	2	8	12	7	10	12	4	8	10	3	1	2						42	46
28. Tubercle of the meninges	10	4	4	1		9	1																			7	3
29. Tubercle, abdominal	2	1				1								1												2	
30. Pott's disease	1										1															1	
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .																											
33. Tubercle of other organs	3				1	1							1	1												1	2
34. Tubercle, generalized	2								1						1											1	1
35. Scrofula																											
36. Syphilis																											
3. Tertiary																											
4. Hereditary	2	2				2																				1	1
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	2																		1	1						2	
40. Cancer and other malignant tumors of the stomach and liver	12														1	1	1	2	2	3	2					7	5

MONTHLY STATEMENT OF DEATHS.

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41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for October, 1905.		AGE.																								SEX.		
				Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																														
78.	Endocarditis, acute	10							1				1	2	2		1	1			1						1	4	6	
79.	Organic diseases of the heart	74	1				1	1	2			2	3	4			7	7	10	10	9	5	6	4	2		1	43		
80.	Angina pectoris	5													1		2			2									4	
81.	Affections of the arteries (atheroma, aneurism, etc.)	12															1	1	3	1			3	2					7	5
82.	Embolism and thrombosis	1																1										1		
83.	Affections of the veins (varices, hemor- roids, phlebitis, etc.)								1																					1
84.	Affections of the lymphatic system (lymphangitis, etc.)																													
85.	Hemorrhages	1							1																					1
86.	Other affections of the circulatory appa- ratus																													
	Total of circulatory apparatus	107	1				1	3	3	2		2	4	8	2	10	10	14	11	12	6	9	6	2	2			62	45	
IV. Diseases of the Respiratory Apparatus.																														
87.	Diseases of the nasal fossæ																													
88.	Affections of the larynx	1																		1									1	
89.	Affections of the thyroid body																													
90.	Bronchitis, acute	10	3				3												1	1	2	2	1					6	4	
91.	Bronchitis, chronic	6														2		1	1			1		1				5	1	
92.	Broncho-pneumonia	17	3	5	1	1	10									1	1	2	1	1	1							5	12	
93.	Pneumonia	43	5	2	3	1	2	13				4	3	2	3	2	2	2	4	4	2		1	1				21	22	
94.	Pleurisy																													
95.	Pulmonary congestion and apoplexy	10	2				2					1	3	1		2	1											7	3	
96.	Gangrene of the lung																													
97.	Asthma	1																	1										1	
98.	Emphysema, pulmonary																													
99.	Other diseases of the respiratory appa- ratus (phthisis excepted)																													
	Total respiratory apparatus	88	13	7	4	2	2	28				4	4	2	7	6	4	6	8	6	6	3	2	2				44	44	
V. Diseases of the Digestive Apparatus.																														
100.	Affections of the mouth and its adnexa																													
101.	Affections of the pharynx																													
102.	Affections of the esophagus																													
103.	Ulcer of the stomach	3											1					2											3	
104.	Other affections of the stomach (cancer excepted)	14	9		1		10	1				1				1		1										5	9	
105.	Diarrhœa and enteritis (under two years)	37	35	2			37																					19	18	
105a.	Diarrhœa and enteritis, chronic	3																		1	1			1				3		
106.	Diarrhœa and enteritis (two years and over)	1										1																1		
107.	Parasites, intestinal																													
108.	Hernia, intestinal obstructions	10	1				1				2	1		1		1	2	1			1							4	6	
109.	Other affections of the intestines	1	1				1																					1		
110.	Icterus, grave																													
111.	Hyalatin tumors of the liver																													
112.	Cirrhosis of the liver	8									1				2			2		1	2							3	5	
113.	Biliary calculi	1															1												1	
114.	Other affections of the liver	1																		1								1		
115.	Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

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			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																									
V. Diseases of the Digestive Apparatus. —Concluded.																														
116.	Peritonitis, simple (puerperal excepted),	3							1			1			1													1	2	
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),																													
118.	Appendicitis and abscess of the iliac fossa	6							1		1	1	2		1												5	1		
	Total digestive apparatus	88	46	2		1		40	3		1	5	5	1	5		3	6	2	2	3	2		1			40	48		
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																														
119.	Nephritis, acute	33				1	1	1					3		2	1	6	4	3	2	5	4	2	1			16	19		
120.	Bright's disease	19		2				2				1			1	1		3	4	2	2	1		2			9	10		
121.	Other diseases of the kidneys and their adnexa																													
122.	Calculi of the urinary tract																													
123.	Diseases of the bladder	1																				1					1			
124.	Diseases of the urethra, urinary abscess, etc.	1																1									1			
125.	Diseases of the prostate	1																			1						1			
126.	Non-venereal diseases of the male genital organs																													
127.	Metritis																													
128.	Hemorrhage, uterine, non-puerperal																													
129.	Tumor, uterine, non-cancerous																													
130.	Other diseases of the uterus	1											1														1			
131.	Cysts and other tumors of the ovary	2															1			1							2			
132.	Other diseases of the female genital organs																													
133.	Diseases of the breast, non-puerperal (cancer excepted)																													
	Total of genito-urinary	60	2			1	3	1					5		2	2	7	6	6	6	9	7	3	1	2		28	32		
VII. Puerperal State.																														
134.	Accidents of pregnancy																													
135.	Hemorrhage, puerperal																													
136.	Other accidents of labor	3											2			1											3			
137.	Septicemia, puerperal																													
138.	Albuminuria and puerperal eclampsia,	2											1		1												2			
139.	Phlegmasia alba dolens, puerperal																													
140.	Other puerperal accidents—sudden death																													
141.	Puerperal diseases of the breast																													
	Total puerperal	5											3		1	1											5			
VIII. Diseases of the Skin and Cellular Tissue.																														
142.	Gangrene	2																1				1					2			
143.	Furuncle (carbuncle)																													
144.	Phlegmon, warm abscess	1		1				1																			1			
145.	Other diseases of the skin and its adnexa	2	1					1												1							1	1		
	Total skin tissue	5	1	1				2											1		1		1				3	2		
IX. Diseases of the Organs of Locomotion.																														
146.	Affections of the bones (non-tuberculous)																													
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																													
148.	Amputation																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1906.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.— Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion																												
X. Malformations.																												
150. Malformations, congenital (still-births excepted)																												
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	84	84					84																			47	37	
152. Other diseases appertaining to infancy,	5	5					5																			1	4	
153. Lack of care																												
Total early infancy																												
XII. Old Age.																												
154. Senile debility	11																				4	2	4	1		3	8	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	1														1											1		
156. Suicide by asphyxia	2																1	1								2		
157. Suicide by hanging or strangulation	1										1															1		
158. Suicide by submersion	1											1														1		
159. Suicide by firearms	2											1					1									2		
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	3							1			1									1						1	2	
165a. Luxations																												
166. Other accidental traumatism	29		1		1	1	3		1	1	2	2	3		3	3	3	3	2	1	2					24	5	
167. Burns and scalds	8		3	2		1	6	1												1						3	5	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	1														1											1		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)	4														1		1			1			1		2	2		
175. Other acute poisonings	4	1			1		2				1				1											4		
176. Other external violence	1	1					1																			1		
Total affections, etc.																												
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	11	1	1				2	1						2	1	1			2	1		1				6	5	
Total ill-defined diseases																												
Total from all causes,																												
	887	177	27	11	8	9	232	18	12	7	27	43	24	45	45	47	66	62	56	53	37	26	18	14	3	442	395	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,585. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCTOBER, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	OCT. 1905.	OCT. 1904.	OCT. 1905.	OCT. 1904.		OCT. 1905.	OCT. 1904.	OCT. 1905.	OCT. 1904.
Cholera	—	—	—	—	Measles	172	23	7	—
Chicken-pox	14	21	—	—	Scarlatina	64	69	—	—
Cerebro-spinal Meningitis . .	2	1	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	146	224	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	123	154	—	—
Tuberculosis	186	167	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,839	Cattle condemned, 7	4,294 lbs.
Calves "	1,440	Calves " — — —	"
Sheep "	109	Sheep " — — —	"
Hogs "	2,205	Hogs " 1	270 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	594
" " " " " " " " " " " "	" " Wagons	628
" " " " " " " " " " " "	" brought in by Citizens	20
" " " " " " " " " " " "	" for bacteriological examination	411
" " " " " " " " " " " "	Vinegar	160
" " " " " " " " " " " "	Butter and Cheese	25
Total Samples,		1,838

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

	MEATS.	FISH.	VEGETABLES.
Veal (immature)	401 lbs.	200 lbs.	Miscellaneous, 7 bush.
" (tainted)	133 "		Fruit, 4 "
Poultry "	861 "		
Mutton "	40 "		
Beef "	15 "		
Pork "	459 "		
Bear "	300 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	88	Other examinations:* Positive . . .	3
	Positive for release . . .	86		Negative 24
	Negative for diagnosis . . .	253		Unsatisfactory 3 . . . 30
	Negative for release . . .	134		
TUBERCULOSIS:	"No growth" cultures . . .	9 . . . 570	GLANDERS:	Positive 1
	Positive	78		Negative 7
	Negative	209		Unsatisfactory 5 . . . 13
	Unsatisfactory	0 . . . 287		Total 1,050
TYPHOID:	Positive	20		
	Negative	117		
	Unsatisfactory	13 . . . 150		

*Malaria, gonorrhoeal ophthalmia, genito-urinary tuberculosis, pneumonia, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

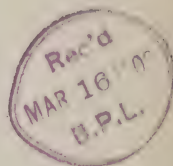
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.16	58	86	E.	.00	Mean Barometer, 30.10.
2	30.12	60	90	S.W.	.00	Highest Barometer, 30.57 on the 29th.
3	29.92	65	78	W.	.05	Lowest Barometer, 29.52 on the 12th.
4	29.82	66	56	W.	.00	Monthly Range of Barometer, 1.05.
5	29.80	68	48	W.	.00	Mean Temperature, 53.6°.
6	30.20	52	50	N.W.	.00	Highest Temperature, 80° on the 5th.
7	30.32	50	64	N.W.	.00	Lowest Temperature, 32° on the 27th.
8	30.06	60	60	S.W.	.00	Monthly Range of Temperature, 48°.
9	30.06	62	66	E.	.00	Greatest Daily Range of Temperature, 20° on the 8th.
10	30.22	50	70	E.	.00	Least Daily Range of Temperature, 5° on the 1st.
11	29.92	52	78	S.E.	T	Mean Daily Range of Temperature, 15.7°.
12	29.64	52	69	W.	.13	Mean Daily Dew-point, 41.8.
13	29.96	50	58	W.	.00	Mean Daily Relative Humidity, 67.0.
14	30.22	58	54	W.	.00	Prevailing Direction of Wind, W.
15	30.23	64	64	S.W.	.00	Total Movement of Wind, 7,155 miles.
16	30.10	67	66	S.W.	.00	Highest Velocity of Wind and Direction 28—W. on the 21st.
17	30.32	58	62	W.	.00	Number of Foggy Days, 3.
18	30.20	58	78	S.W.	.00	Number of Fair Days, 7.
19	29.96	70	75	S.W.	.09	Number of Clear Days, 17.
20	29.70	56	94	N.E.	.85	Number of Cloudy Days, 7.
21	29.91	46	56	W.	.00	Total Number of Days on which Rain or Snow fell, 6.
22	30.02	44	56	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.06	46	66	W.	.00	Dates of Auroras, none.
24	30.10	52	66	S.W.	T	Dates of Lunar Halos, none.
25	30.18	45	52	N.	.00	Dates of Solar Halos, none.
26	30.30	37	60	N.E.	.00	Thunder Storms, none.
27	30.26	40	70	N.	.00	Dates of Frosts, Hy. 7-22-23-Kill-26.
28	30.34	49	66	N.W.	.00	Mean Maximum Temperature, 61.4°.
29	30.66	42	66	E.	.00	Mean Minimum Temperature, 45.7°.
30	30.48	40	70	N.E.	.00	MEAN TEMPERATURE for this month in
31	30.23	44	82	N.W.	.00	Total Precipitation for this Month in inches.
TOTALS	933.37	1661	2076	—	.82	1871 54 1871 5.88
MEANS	30.10	53.6	67.0	W.	.027	1872 52 1872 4.85
						1873 54 1873 5.33
						1874 53 1874 1.39
						1875 50 1875 4.99
						1876 48 1876 1.66
						1877 52 1877 8.84
						1878 56 1878 6.76
						1879 58 1879 0.91
						1880 52 1880 3.15
						1881 54 1881 2.84
						1882 55 1882 2.29
						1883 48 1883 6.40
						1884 53 1884 3.17
						1885 52 1885 5.71
						1886 53 1886 3.27
						1887 52 1887 2.53
						1888 48 1888 3.58
						1889 48 1889 3.31
						1890 51 1890 5.63
						1891 52 1891 5.56
						1892 53 1892 2.31
						1893 55 1893 2.94
						1894 54 1894 5.11
						1895 50 1895 6.19
						1896 50 1896 3.15
						1897 54 1897 0.41
						1898 54 1898 7.17
						1899 54 1899 2.40
						1900 57 1900 3.41
						1901 54 1901 3.02
						1902 54 1902 4.36
						1903 54 1903 3.95
						1904 51 1904 2.13
						1905 54 1905 0.82

*T indicates trace of precipitation.

Average mean temperature for 35 years, 53°.

Average monthly precipitation for 35 years, 3.87".

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of November, 1905. 852
Population by Census, 595,380 Rate per 1,000 inhabitants, 17.17

Total number 852		NATIVITY.	
SEX.		United States	526
Males	436	Ireland	159
Females	416	England	28
CONDITION.		Scotland	7
Single	411	Germany	12
Married	259	British America	69
Widowed	171	Italy	14
Divorced	5	Russia	10
Unknown	6	Sweden	4
COLOR.		Other Countries	17
White	832	Unknown	6
Black (Negro or mixed)	20	PARENTAGE.	
Indian	—	United States	184
Chinese	—	Irish	258
Japanese	—	English	31
Total deaths of children, {		Scotch	11
Under 1 year		German	17
Under 2 years		British American	65
Under 5 years		Italian	60
Diarrhæal diseases, {		Russian	22
Under 1 year		Swedish	7
Under 2 years		Other Countries	36
Under 5 years		Mixed	61
All ages		One parent unknown	28
		Unknown	72
		Still-births during the month	59

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for November, 1905.	AGE.																								Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
I. General Diseases.																											
1. Typhoid Fever	8						2		1	2		1				1		1								6	2
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia	2	1				1										1										1	1
5a. Malarial cachexia																											
6. Variola																											
6. Measles	10	1	5	2	1	1	10																			5	5
7. Scarlatina	3	1	1				2	1																		1	2
8. Whooping cough																											
9. Diphtheria and croup	4			2	1	1	4																			2	2
9a. Diphtheria	9			1		4	5	3					1													4	5
10. Grippe																											
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1																			1						1	
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	2	1				1																		1		1	1
19. Other epidemic affections																											
20. Purulent infection and septicemia . . .	7												1		1	1	2		1		1					4	3
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	101	2	1	2			5	1		7	7	12	26	13	8	9	5	4	2		1	1				61	40
28. Tubercle of the meninges	5	2	2			1	5																			3	2
29. Tubercle, abdominal																											
30. Pott's disease	1							1																			1
31. Abscess, cold and by congestion																											
32. Tumors, white (white swellings)																											
33. Tubercle of other organs	2												1				1									2	
34. Tubercle, generalized	1						1																			1	
35. Scrofula																											
36. Syphilis																											
3. Tertiary	1												1													1	
4. Hereditary	2	2					2																			1	1
37. Blennorrhagia of the adult																											
38. Gonococcal infections of the child . . .																											
39. Cancer and other malignant tumors of the buccal cavity	3																1	1					1			3	
40. Cancer and other malignant tumors of the stomach and liver	14												1		1	1	2	3	2	2	2					3	11

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for		AGE.																				SEX.							
		November, 1905.	1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.—Concluded.																															
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum	7									1				2	3		1												3	4
42.	Cancer and other malignant tumors of the genital organs of the female	8													1	1	2	1		1	1	1									8
43.	Cancer and other malignant tumors of the breast	6															1	2		1	2									1	6
44.	Cancer and other malignant tumors of the skin																														
45.	Cancer and other malignant tumors of organs not specified	9															1	2	1	1			2		2					5	4
46.	Other tumors (tumors of the female genital organs excepted)																														
47.	Rheumatism, acute, articular	3					1	1				1											1							1	2
48.	Rheumatism, chronic, and gout	2																						1		1				1	1
49.	Scorbutus																														
50.	Diabetes	8														1			2	2	2		1							3	5
51.	Gout, exophthalmic																														
52.	Addison's disease																														
53.	Leukemia																														
54.	Anemia, chlorosis	3								1								1	1											3	
55.	Other general diseases																														
56.	Alcoholism, acute and chronic	6													1	2	1		1	1										6	
57.	Saturnism																														
58.	Other trade intoxications																														
59.	Other chronic poisonings																														
	Total general diseases	228	10	9	7	2	8	35	8	2	8	9	16	30	19	13	18	21	15	6	8	8	7	2	2				121	107	
II. Diseases of the Nervous System and of the Organs of Sense.																															
60.	Encephalitis																														
61.	Meningitis, simple	17		2	3	1	2	1	9			1	1			3	2				1								4	13	
61a.	Meningitis, epidemic cerebrospinal	8		4	1	1		1	7			1																	6	2	
62.	Locomotor ataxia, progressive	2															1				1									2	
63.	Other diseases of the spinal cord	2															1				1									2	
64.	Cerebral congestion and hemorrhage	29														3	1	3	2	4	6	2	5	3					12	17	
65.	Cerebral softening	3																1				1	1						2		
66.	Paralysis, without cause assigned	1																					1							1	
67.	General paralysis	4													1		1						2						3	1	
68.	Other forms of mental alienation	6														1	1	2		1			1						5	1	
69.	Epilepsy	1													1															1	
70.	Eclampsia (non-puerperal)																														
71.	Convulsions of children	1	1					1																					1		
72.	Tetanus	1									1																		1		
73.	Chorea																														
74.	Hysteria																														
74b.	Other affections of the nervous system	6												1	1	1			1	2									3	3	
75.	Diseases of the eye and appendages																														
76.	Diseases of the ear																														
	Total of the nervous system, etc.,	81	7	4	2	2	2	17			2	1	2	1	3	7	6	8	4	6	8	3	10	3					30	42	
III. Diseases of the Circulatory Apparatus.																															
77.	Pericarditis																														

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																				SEX.					
		Total Mortality for November, 1905.																				Males.	Females.				
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78.	Endocarditis, acute	10						1		1				2	1			1	2	1				1		2	8
79.	Organic diseases of the heart	72				1	1	1	2	1	1	5	6	3	5	6	9	9	7	7	3	1	1	4		22	5
80.	Angina pectoris	2															1	1								1	7
81.	Affections of the arteries (atheroma, aneurism, etc.)	15															1									1	7
82.	Embolism and thrombosis	1															1										1
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																										
84.	Affections of the lymphatic system (lymphangitis, etc.)																										
85.	Hemorrhages	4	4				4																			1	3
86.	Other affections of the circulatory apparatus																										
	Total of circulatory apparatus	104	4			1	5	2	2	2	1	5	6	5	6	7	13	11	10	8	5	5	2	8	1	37	67
IV. Diseases of the Respiratory Apparatus.																											
87.	Diseases of the nasal fossæ																										
88.	Affections of the larynx																										
89.	Affections of the thyroid body																										
90.	Bronchitis, acute	26	10	1	2		1	14								1	1			4		1	3	2		11	15
91.	Bronchitis, chronic	3									1											1	1			1	2
92.	Broncho-pneumonia	29	11	9	1		21	1			1	1	1		1	2								1		16	13
93.	Pneumonia	97	16	4	1		1	22	2		1	1	3	5	6	6	9	6	7	8	6	7	4	2	2	53	44
94.	Pleurisy	1															1										1
95.	Pulmonary congestion and apoplexy	2																		1			1			2	
96.	Gangrene of the lung																										
97.	Asthma																										
98.	Emphysema, pulmonary																										
99.	Other diseases of the respiratory apparatus (phthisis excepted)	1	1				1																			1	
	Total respiratory apparatus	159	38	14	4		2	58	3		1	2	5	6	6	7	12	8	7	8	11	7	6	7	5	84	75
V. Diseases of the Digestive Apparatus.																											
100.	Affections of the mouth and its adnexa																										
101.	Affections of the pharynx	1																	1							1	
102.	Affections of the esophagus																										
103.	Ulcer of the stomach	3									1						1					1				1	2
104.	Other affections of the stomach (cancer excepted)	9	2	1			3				1		1			1		1	1	1						2	7
105.	Diarrhœa and enteritis (under two years)	9	8	1			9																			3	4
105a.	Diarrhœa and enteritis, chronic																										
106.	Diarrhœa and enteritis (two years and over)	1			1		1																			1	
107.	Parasites, intestinal																										
108.	Hernia, intestinal obstructions	7	2				2			1	1	1	1			1										3	4
109.	Other affections of the intestines																										
110.	Icterus, grave																										
111.	Hydatid tumors of the liver																										
112.	Cirrhosis of the liver	4								1					1			1	1							3	1
113.	Biliary calculi	3												1					1						1	3	
114.	Other affections of the liver	2																1		1							2
115.	Affections of the spleen																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH		Total Mortality for November, 1905.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
V. Diseases of the Digestive Apparatus.																														
—Concluded.																														
116.	Peritonitis, simple (puerperal excepted),	2														1	1												1	
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),	2																1	1										1	
118.	Appendicitis and abscess of the ilio-cæca	3														1	1	1											2	1
	Total digestive apparatus	46	12	2		1	15					4	3	3	4	2	1	4	1	5	1	1	1		1				22	24
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																														
119.	Nephritis, acute	38	1				1						1	3	2	3	4	2	8	3	7	2	1	1					18	20
120.	Bright's disease	17									1	1			2	1	2		1	1	3	1	3		1				8	9
121.	Other diseases of the kidneys and their adnexa																													
122.	Calculi of the urinary tract																													
123.	Diseases of the bladder	3																					1	1	1				2	1
124.	Diseases of the urethra, urinary abscess, etc.																													
125.	Diseases of the prostate	3																		1				1	1				3	
126.	Non-venereal diseases of the male genital organs																													
127.	Metritis																													
128.	Hemorrhage, uterine, non-puerperal																													
129.	Tumor, uterine, non-cancerous	1																			1									1
130.	Other diseases of the uterus																													
131.	Cysts and other tumors of the ovary																													
132.	Other diseases of the female genital organs																													
133.	Diseases of the breast, non-puerperal (cancer excepted)																													
	Total of genito-urinary	62	1				1					1	1	1	3	4	4	6	2	9	5	11	3	6	3	2			31	31
VII. Puerperal State.																														
134.	Accidents of pregnancy																													
135.	Hemorrhage, puerperal																													
136.	Other accidents of labor	3												1	2															3
137.	Septicæmia, puerperal	1														1														1
138.	Albuminuria and puerperal eclampsia,																													
139.	Phlegmasia alba dolens, puerperal																													
140.	Other puerperal accidents—sudden death																													
141.	Puerperal diseases of the breast																													
	Total puerperal	4													1	2	1													4
VIII. Diseases of the Skin and Cellular Tissue.																														
142.	Gangrene																													
143.	Furuncle (carbuncle)																													
144.	Phlegmon, warm abscess																													
145d.	Other diseases of the skin and its adnexa	2	1				1												1										1	1
	Total skin tissue	2	1				1												1										1	1
IX. Diseases of the Organs of Locomotion.																														
146.	Affections of the bones (non-tuberculous)																													
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																													
148.	Amputation																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1906.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
IX. Diseases of the Organs of Locomotion.— Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion																											
X. Malformations.																											
150. Malformations, congenital (still-births excepted)																											
XI. Early infancy.																											
151. Congenital debility, icterus and sclerema																											
152. Other diseases appertaining to infancy,																											
153. Lack of care																											
Total early infancy																											
XII. Old Age.																											
154. Senile debility																											
XIII. Affections Produced by External Causes.																											
155. Suicide by poison																											
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation																											
158. Suicide by submersion																											
159. Suicide by firearms																											
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures																											
165a. Luxations																											
166. Other accidental traumatisms																											
167. Burns and scalds																											
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing																											
171. Electrical disturbances																											
172. Accidental submersion																											
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)																											
175. Other acute poisonings																											
176. Other external violence																											
Total affections, etc.																											
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death																											
Total ill-defined diseases																											
Total from all causes,																											

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,618. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOVEMBER, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov. 1905.	Nov. 1904.	Nov. 1905.	Nov. 1904.		Nov. 1905.	Nov. 1904.	Nov. 1905.	Nov. 1904.
Cholera	—	—	—	—	Measles	529	46	—	2
Chicken-pox	30	38	—	—	Scarlatina	116	84	—	—
Cerebro-spinal Meningitis . .	6	1	—	—	Smallpox	—	—	—	1
Diphtheria and Croup . . .	160	202	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	59	84	—	—
Tuberculosis	180	168	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,873	Cattle condemned, 10	5,297 lbs.
Calves "	1,446	Calves " 2	107 "
Sheep "	897	Sheep " 2	87 "
Hogs "	2,551	Hogs " 2	488 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	528
" "	" " Wagons	508
" "	" brought in by Citizens	34
" "	" for bacteriological examination	316
" "	Vinegar	148
" "	Butter and Cheese	22
Total Samples,		1,556

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature)	1,131 lbs.	lbs.	Miscellaneous, 3 bush.
" (tainted)	— "		Fruit, 2 "
Poultry "	9,978 "		
Mutton "	55 "		
Beef "	235 "		
Pork "	35 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	107	Other examinations:* Positive . . .	7
	Positive for release . . .	145		Negative 40
	Negative for diagnosis . . .	473		Unsatisfactory 1 . . . 48
	Negative for release . . .	218		
TUBERCULOSIS:	"No growth" cultures . . .	7 . . . 950	GLANDERS:	Positive 4
	Positive	70		Negative 7
	Negative	219		Unsatisfactory 0 . . . 11
	Unsatisfactory	0 . . . 289		Total 1,407
TYPHOID:	Positive	13		
	Negative	88		
	Unsatisfactory	8 . . . 109		

*Includes gonorrheal ophthalmia, genito-urinary tuberculosis, pneumonia, malaria, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

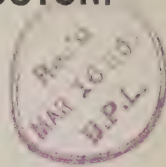
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.77	50	66	S.W.	*T	Mean Barometer, 29.994.
2	30.14	40	65	W.	.00	Highest Barometer, 30.54 on the 21st.
3	30.22	42	75	N.W.	.00	Lowest Barometer, 29.48 on the 29th.
4	30.02	45	84	N.W.	.48	Monthly Range of Barometer, 1.06.
5	30.25	45	72	N.W.	.00	Mean Temperature, 42°.
6	29.76	48	78	S.W.	.15	Highest Temperature, 64° on the 24th.
7	29.76	42	84	N.W.	*T	Lowest Temperature, 13° on the 30th.
8	29.75	43	73	N.W.	.00	Monthly Range of Temperature, 51°.
9	29.06	40	66	W.	.00	Greatest Daily Range of Temperature, 34° on the 30th.
10	30.23	40	64	W.	.00	Least Daily Range of Temperature, 5° on the 7th.
11	30.19	40	58	S.W.	.00	Mean Daily Range of Temperature, 16.8°.
12	29.78	47	67	S.W.	.00	Mean Daily Dew-point, 29.3.
13	29.52	40	70	S.W.	*T	Mean Daily Relative Humidity, 65.0.
14	30.02	23	48	W.	.00	Prevailing Direction of Wind, W.
15	29.90	34	70	W.	.04	Total Movement of Wind, 7,961 miles.
16	29.53	46	83	W.	*T	Highest Velocity of Wind and Direction 36—N.W. on the 17th.
17	29.66	40	64	W.	.00	Number of Foggy Days, 2.
18	29.88	40	66	W.	.00	Number of Fair Days, 8.
19	30.12	35	52	W.	.00	Number of Clear Days, 13.
20	30.40	30	47	W.	.00	Number of Cloudy Days, 9.
21	30.52	40	48	N.W.	.00	Total Number of Days on which Rain or Snow fell, 11.
22	30.32	44	35	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.16	50	41	W.	.00	Dates of Auroras, none.
24	30.03	56	52	S.W.	.02	Dates of Lunar Halos, 5.
25	29.86	52	68	W.	.00	Dates of Solar Halos, 5.
26	29.90	40	88	W.	.00	Thunder Storms, none.
27	30.12	40	66	S.W.	.00	Dates of Frosts, —.
28	30.32	34	62	W.	.03	Mean Maximum Temperature, 49.7°.
29	29.62	51	98	W.	1.05	Mean Minimum Temperature, 33.4°.
30	30.13	30	48	N.W.	*T	
31						
TOTALS.....	—	—	—	—	1.77	MEAN TEMPERATURE for this month is
MEANS.....	29.994	41.6	65.0	W.	.059	Total Precipitation for this Month in Inches.
						1871 37
						1872 41
						1873 35
						1874 42
						1875 35
						1876 41
						1877 44
						1878 41
						1879 39
						1880 38
						1881 44
						1882 39
						1883 43
						1884 41
						1885 44
						1886 43
						1887 42
						1888 44
						1889 45
						1890 42
						1891 41
						1892 41
						1893 42
						1894 38
						1895 45
						1896 46
						1897 41
						1898 42
						1899 42
						1900 45
						1901 37
						1902 46
						1903 46
						1904 38
						1905 42

*T indicates trace of precipitation.

Average mean temperature for 35 years, 41°.

Average monthly precipitation for 35 years, 4.12°.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1905.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1905. 913
Population by Census, 595,380 Rate per 1,000 inhabitants, 18.38

Total number 913

SEX.

Males 517
Females 396

CONDITION.

Single 448
Married 283
Widowed 165
Divorced 1
Unknown 16

COLOR.

White 889
Black (Negro or mixed) 23
Indian —
Chinese 1
Japanese —

Total deaths of children, { Under 1 year 186
Under 2 years 235
Under 5 years 272

Diarrhœal diseases, { Under 1 year 3
Under 2 years 3
Under 5 years 3
All ages 6

NATIVITY.

United States 541
Ireland 191
England 11
Scotland 5
Germany 18
British America 65
Italy 15
Russia 12
Sweden 12
Other Countries 20
Unknown 23

PARENTAGE.

United States 181
Irish 280
English 20
Scotch 5
German 25
British American 56
Italian 66
Russian 39
Swedish 10
Other Countries 49
Mixed 52
One parent unknown 40
Unknown 90
Still-births during the month 51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1905.	AGE.																	SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 6 years.	6 years and under 7 years.	7 years and under 8 years.	8 years and under 9 years.	9 years and under 10 years.	10 years and under 11 years.	11 years and under 12 years.	12 years and under 13 years.	13 years and under 14 years.	14 years and under 15 years.	15 years and under 16 years.	16 years and under 17 years.	17 years and under 18 years.	18 years and under 19 years.	19 years and under 20 years.	20 years and under 21 years.	21 years and under 22 years.	22 years and under 23 years.	23 years and under 24 years.	24 years and under 25 years.	25 years and under 26 years.	26 years and under 27 years.	27 years and under 28 years.	28 years and under 29 years.	29 years and under 30 years.	30 years and under 31 years.	31 years and under 32 years.	32 years and under 33 years.	33 years and under 34 years.	34 years and under 35 years.	35 years and under 36 years.	36 years and under 37 years.	37 years and under 38 years.	38 years and under 39 years.	39 years and under 40 years.	40 years and under 41 years.	41 years and under 42 years.	42 years and under 43 years.	43 years and under 44 years.	44 years and under 45 years.	45 years and under 46 years.	46 years and under 47 years.	47 years and under 48 years.	48 years and under 49 years.	49 years and under 50 years.	50 years and under 51 years.	51 years and under 52 years.	52 years and under 53 years.	53 years and under 54 years.	54 years and under 55 years.	55 years and under 56 years.	56 years and under 57 years.	57 years and under 58 years.	58 years and under 59 years.	59 years and under 60 years.	60 years and under 61 years.	61 years and under 62 years.	62 years and under 63 years.	63 years and under 64 years.	64 years and under 65 years.	65 years and under 66 years.	66 years and under 67 years.	67 years and under 68 years.	68 years and under 69 years.	69 years and under 70 years.	70 years and under 71 years.	71 years and under 72 years.	72 years and under 73 years.	73 years and under 74 years.	74 years and under 75 years.	75 years and under 76 years.	76 years and under 77 years.	77 years and under 78 years.	78 years and under 79 years.	79 years and under 80 years.	80 years and under 81 years.	81 years and under 82 years.	82 years and under 83 years.	83 years and under 84 years.	84 years and under 85 years.	85 years and under 86 years.	86 years and under 87 years.	87 years and under 88 years.	88 years and under 89 years.	89 years and under 90 years.	90 years and under 91 years.	91 years and under 92 years.	92 years and under 93 years.	93 years and under 94 years.	94 years and under 95 years.	95 years and under 96 years.	96 years and under 97 years.	97 years and under 98 years.	98 years and under 99 years.	99 years and over.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
		I. General Diseases.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
1. Typhoid Fever	7				1	1							2	1	2	2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									



SUMMARY OF DEATHS IN BOSTON,

With Principal Causes, for the year 1905, compared with those of 1904.

PUBLISHED BY ORDER OF THE BOARD OF HEALTH.

SAMUEL H. DURGIN, M. D., Chairman.

	1905.	1904.		1905.	1904.
Total No. of deaths from all causes	11,007	10,757 (Estimated)	*Influenza	73	65
Population, census of 1905	595,380	588,320	*Intermittent fever	2	2
Annual death rate per 1,000 inhabitants	18.49	18.28	*Measles	54	89
Total No. from infectious diseases	2,161	2,200	*Pulmonary, and laryngeal } tuberculosis }	1,194	1,269
Percentage of deaths from infectious } diseases to total mortality . . . }	19.63	20.45	*Puerperal septicæmia	26	18
Total No. of still-births	670	663	*Pyæmia and septicæmia	61	77
Total deaths of children under 1 year	2,186	2,207	*Scarlatina	44	39
“ “ “ 2 years	2,617	2,662	*Smallpox	1	—
“ “ “ 5 years	3,024	3,105	*Syphilis (congenital)	27	23
Percentage of deaths under 5 years to } total mortality }	27.47	28.86	*Syphilis	6	13
Total No. of deaths from diarrhoeal } diseases, under 5 years . . . }	605	570	*Typhoid fever	117	135
Total No. of deaths from diarrhoeal } diseases, all ages }	678	648	*Whooping cough	29	29
Percentage of deaths from diarrhoeal } diseases to total mortality . . . }	6.16	6.02	*Other infectious diseases	—	2
*Cholera morbus	9	8	Cancer	628	565
*Cholera infantum	182	206	Bright's disease and nephritis	568	543
*Cerebrospinal meningitis	142	37	Bronchitis	277	273
Diarrhoea (simple) and enteritis	481	414	Heart disease	1,082	1,056
*Dysentery	15	20	Pneumonia	1,274	1,323
*Diphtheria and croup	132	206	Old age	231	258
*Erysipelas	47	62	Violent deaths	640	555

* These diseases are classified as infectious.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1905.		AGE.																										SEX.					
																													Males.	Females.				
			Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																															
I. General Diseases.—Concluded.																																		
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6																															3	3	
42. Cancer and other malignant tumors of the genital organs of the female	6																																2	
43. Cancer and other malignant tumors of the breast	7																																2	
44. Cancer and other malignant tumors of the skin																																		
45. Cancer and other malignant tumors of organs not specified	14																																9	5
46. Other tumors (tumors of the female genital organs excepted)																																		
47. Rheumatism, acute, articular	2	1																															2	
48. Rheumatism, chronic, and gout.	1																																1	
49. Scorbutus																																		
50. Diabetes	9																																2	7
51. Gout, exophthalmic																																		
52. Addison's disease																																		
53. Leukemia	1																																1	
54. Anemia, chlorosis	5																																3	2
55. Other general diseases																																		
56. Alcoholism, acute and chronic	4																																4	
57. Saturnism																																		
58. Other trade intoxications																																		
59. Other chronic poisonings																																		
Total general diseases	220	20	17	8	5	1	51	7	4	6	13	13	22	13	22	14	16	17	13	4	1	4	1									116	104	
II. Diseases of the Nervous System and of the Organs of Sense.																																		
60. Encephalitis																																		
61. Meningitis, simple	12	3	1	1	3		8	1		1																						8	4	
61a. Meningitis, epidemic cerebrospinal	4	1	1				2				1	1																				3	1	
62. Locomotor ataxia, progressive	1																																1	
63. Other diseases of the spinal cord	1																																1	
64. Cerebral congestion and hemorrhage	43	1					1																									27	16	
65. Cerebral softening	1																																1	
66. Paralysis, without cause assigned	3																																1	2
67. General paralysis	3																																1	2
68. Other forms of mental alienation	5																																3	2
69. Epilepsy																																		
70. Eclampsia (non-puerperal)	1																																1	
71. Convulsions of children																																		
72. Tetanus																																		
73. Chorea																																		
74. Hysteria																																		
74b. Other affections of the nervous system	2	1					1												</															

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.

AGE.

SEX.

Total Mortality for December, 1905.	AGE.																								Males.	Females.
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
III. Diseases of the Circulatory Apparatus.—Concluded.																										
78. Endocarditis, acute	6	1				1						1		1	1		1	1							1	5
79. Organic diseases of the heart	80	1				1		1	1	1	4	5	5	6	2	7	8	11	8	5	5	1			40	1
80. Angina pectoris	3	1				1							1							1					1	
81. Affections of the arteries (atheroma, aneurism, etc.)	20											1	1		1	3	2	5	1	3	2	1			10	10
82. Embolism and thrombosis																										
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																										
84. Affections of the lymphatic system (lymphangitis, etc.)																										
85. Hemorrhages	4	1			1	2						1			1										2	2
86. Other affections of the circulatory appa- ratus																										
Total of circulatory apparatus	114	4			1	5		1	1	1	4	6	7	8	10	11	17	14	7	8	3	1			55	59
IV. Diseases of the Respiratory Apparatus.																										
87. Diseases of the nasal fossæ																										
88. Affections of the larynx																										
89. Affections of the thyroid body																										
90. Bronchitis, acute	27	16	2	1	1	20								1			2		1		1	2			14	13
91. Bronchitis, chronic	9													1		1	1	2	1	1	2				4	5
92. Broncho-pneumonia	34	15	8	1	1	26	1			1			1				2	1					2		17	17
93. Pneumonia	141	28	16	5	4	53				2	5	8	11	9	8	6	5	13	4	9	3	3	2		84	57
94. Pleurisy	3		1			1							1	1											3	
95. Pulmonary congestion and apoplexy . .	1																		1						1	
96. Gangrene of the lung																										
97. Asthma	1														1										1	
98. Emphysema, pulmonary	1																	1							1	
99. Other diseases of the respiratory appar- atus (phthisis excepted)	2											1			1										2	
Total respiratory apparatus	219	59	27	7	6	100	1		2	6	8	12	12	10	7	7	18	8	12	4	6	4	2		125	94
V. Diseases of the Digestive Apparatus.																										
100. Affections of the mouth and its adnexa.																										
101. Affections of the pharynx	1		1			1																			1	
102. Affections of the esophagus																										
103. Ulcer of the stomach																										
104. Other affections of the stomach (cancer excepted)	9	1				1						2						1	3		1		1		3	6
105. Diarrhœa and enteritis (under two years)	3	3				3																			2	1
105a. Diarrhœa and enteritis, chronic . . .	1									1															1	
106. Diarrhœa and enteritis (two years and over)	2											1							1						1	1
107. Parasites, intestinal																										
108. Hernia, intestinal obstructions . . .	11	5		1		6		1				1	1		1					1					6	5
109. Other affections of the intestines . .																										
110. Icterus, grave																										
111. Hydatid tumors of the liver																										
112. Cirrhosis of the liver	7											1	4	1				1							5	2
113. Biliary calculi	1														1										1	
114. Other affections of the liver	4						1					1		1					1						2	2
115. Affections of the spleen																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

**Total Mortality for
December, 1905.**

AGE.

SEX.

V. Diseases of the Digestive Apparatus.

—Concluded.

[illegible]

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119. Nephritis, acute	26	1	2		3		1		3	4	4		2	5		1	3			21	5
120. Bright's disease	15								1	1	1	2	1	1	1	4	2	1		7	8
121. Other diseases of the kidneys and their adnexa	2												2							2	
122. Calculi of the urinary tract																					
123. Diseases of the bladder	2												1			1				1	1
124. Diseases of the urethra, urinary abscess, etc.																					
125. Diseases of the prostate	3													2				1		3	
126. Non-venereal diseases of the male gen- ital organs																					
127. Metritis																					
128. Hemorrhage, uterine, non-puerperal																					
129. Tumor, uterine, non-cancerous																					
130. Other diseases of the uterus																					
131. Cysts and other tumors of the ovary																					
132. Other diseases of the female genital organs																					
133. Diseases of the breast, non-puerperal (cancer excepted)																					
Total of genito-urinary	48	1	2		3	-	1		1	4	5	6	1	6	6	6	4	4		34	14

VII. Puerperal State.

[illegible]

VIII. Diseases of the Skin and Cellular Tissue.

142. Gangrene	3	1		1				1		1	3
143. Furuncle (carbuncle)											
144. Phlegmon, warm abscess	2				1		1				2
145d. Other diseases of the skin and its adnexa											
Total skin tissue	5	1		1		1	1		1	1	5

IX. Diseases of the Organs of Locomotion.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for December, 1906.	AGE.																	SEX.																
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																	Males.	Females.															
IX. Diseases of the Organs of Locomotion.—Concluded.																																			
149. Other affections of the organs of locomotion																																			
Total organs locomotion																																			
X. Malformations.																																			
150. Malformations, congenital (still-births excepted)		3	3															3																	
XI. Early infancy.																																			
151. Congenital debility, icterus and sclerema		72	72															41	31																
152. Other diseases appertaining to infancy,		8	8															3	5																
153. Lack of care																																			
Total early infancy		80	80															44	36																
XII. Old Age.																																			
154. Senile debility		26															2	3	4	7	5	5	10	16											
XIII. Affections Produced by External Causes.																																			
155. Suicide by poison		1															1																		
156. Suicide by asphyxia		1															1																		
157. Suicide by hanging or strangulation		1															1																		
158. Suicide by submersion																																			
159. Suicide by firearms																																			
160. Suicide by cutting instruments																																			
161. Suicide by jumping from high places																																			
162. Suicide by crushing																																			
163. Other suicides																																			
164. Fractures		3															1		1		2	1													
165a. Luxations																																			
166. Other accidental traumatisms		37	1															1		4	5	3	5	4	3	3	2	3	2	1	1	29	8		
167. Burns and scalds		2															1												1	1					
168. Burns by corrosive substances																																			
169. Insolation																																			
170. Freezing																																			
171. Electrical disturbances																																			
172. Accidental submersion		2															1												2						
173a. Inanition																																			
174. Absorption of deleterious gases (suicide excepted)		2															1		1											1	1				
175. Other acute poisonings		2															1		1											2					
176. Other external violence		4	1															1		1	1											3	1		
Total affections, etc.		55	2															2		4	8	4	6	5	5	6	4	4	1	3	1	1	1	42	13
XIV. Ill-defined Diseases.																																			
177. Dropsy																																			
178. Sudden death																																			
179. Non-specified or ill-defined causes of death		9	1	1	2															1		1	1	1	1	1	1							8	1
Total ill-defined diseases		9	1	1	2															1		1	1	1	1	1	1							8	1
Total from all causes.		913	186	49	19	15	3	272	9	8	11	25	36	47	56	57	51	46	54	69	48	46	32	23	14	9	517	396							

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 492.25. Asphalt 20.33, block stone 90.81, brick 0.38, cobblestone 0.52, macadamized 318.63, wooden blocks 0.91, Bitulithic 2.16, gravel 57.52, not graded 5.78. Area of parks (including "public grounds"), 2,533.21 acres. Number of buildings, including tenement houses, 84,648. * Tenement houses, four or more families, 5,625. Daily consumption of water (Metropolitan system), Boston, with nineteen other cities and towns, 107,148,000 gallons. Daily capacity of water supply, 150,000,000 gallons. Reservoir capacity, 25,000,000,000 gallons. Storage reservoirs, 10.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DECEMBER, 1905, AND FOR THE CORRESPONDING MONTH IN 1904.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	DEC. 1905.	DEC. 1904.	DEC. 1905.	DEC. 1904.		DEC. 1905.	DEC. 1904.	DEC. 1905.	DEC. 1904.
Cholera	—	—	—	—	Measles	595	27	1	2
Chicken-pox	40	36	—	—	Scarlatina	146	101	—	1
Cerebro-spinal Meningitis . .	4	3	—	—	Smallpox	—	—	—	1
Diphtheria and Croup . . .	212	201	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	45	57	—	—
Tuberculosis	151	172	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,757	Cattle condemned, 10	5,505 lbs.
Calves "	823	Calves " —	" "
Sheep "	56	Sheep " —	" "
Hogs "	2,229	Hogs " 7	803 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,135 lbs.	— lbs.	Miscellaneous, — bush.
Poultry (tainted) 3,969 "	—	Fruit, — "
Mutton " — "		
Beef " — "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	624
" "	" " Wagons	558
" "	" brought in by Citizens	29
" "	" for bacteriological examination	428
" "	Vinegar	183
" "	Butter and Cheese	55
	Total Samples,	1,877

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	111
	Positive for release	127
	Negative for diagnosis	551
	Negative for release	220
	"No growth" cultures	15 . 1,024
TUBERCULOSIS:	Positive	53
	Negative	229
	Unsatisfactory	0 . 282
TYPHOID:	Positive	11
	Negative	75
	Unsatisfactory	25 . 111

Other examinations:	Positive	10
	Negative	26
	Unsatisfactory	2 . 38
GLANDERS:	Positive	3
	Negative	19
	Unsatisfactory	1 . 23
	Total	1,478

* Includes gonorrheal ophthalmia, genito-urinary tuberculosis, pneumonia, malaria, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1905, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.81	22	58	N.W.	.00	Mean Barometer, 30.66.
2	30.50	40	80	S.	*T	Highest Barometer, 30.82 on the 1st.
3	29.77	50	95	S.W.	.90	Lowest Barometer, 29.29 on the 29th.
4	29.99	34	73	N.W.	.02	Monthly Range of Barometer, 1.53.
5	30.46	28	60	N.W.	.00	Mean Temperature, 35°.
6	30.86	32	63	S.W.	.00	Highest Temperature, 61° on the 3d.
7	30.26	40	66	S.W.	.00	Lowest Temperature, 8° on the 15th.
8	30.24	46	68	S.W.	.00	Monthly Range of Temperature, 53°.
9	30.26	38	72	E.	.07	Greatest Daily Range of Temperature, 28° on the 2d.
10	29.48	28	74	N.W.	.83	Least Daily Range of Temperature, 3° on the 9th.
11	29.72	24	86	S.W.	*T	Mean Daily Range of Temperature, 15.1°.
12	29.92	24	92	N.	*T	Mean Daily Dew-point, 24.9.
13	30.02	32	70	W.	.00	Mean Daily Relative Humidity, 68.7.
14	30.37	24	56	W.	.00	Prevailing Direction of Wind, W.
15	30.53	16	76	N.	*T	Total Movement of Wind, 8,352 miles.
16	30.34	26	73	N.	*T	Highest Velocity of Wind and Direction 44 — E. on the 21st.
17	30.10	28	60	N.	.00	Number of Foggy Days, none. Number of Fair Days, 6.
18	29.88	38	34	N.W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 14.
19	30.12	38	78	N.W.	.00	Total Number of Days on which Rain or Snow fell, 13.
20	30.34	42	77	N.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.83	44	94	E.	.85	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.84	45	70	S.W.	.00	Dates of Solar Halos, none. Thunder Storms, none.
23	29.78	39	82	S.W.	.16	Dates of Frosts, —.
24	29.64	33	58	W.	.01	Mean Maximum Temperature, 42.6°. Mean Minimum Temperature, 27.6°.
25	30.01	30	60	W.	.00	MEAN TEMPERATURE for this month is: Total Precipitation for this Month in Inches.
26	30.06	34	68	W.	.00	1871 28 1871 3.38
27	30.07	42	59	S.W.	.00	1872 23 1872 3.29
28	30.20	46	56	W.	.00	1873 32 1873 5.64
29	29.47	48	87	W.	.39	1874 31 1874 2.14
30	29.48	41	71	W.	.00	1875 30 1875 0.75
31	29.96	40	52	W.	.00	1876 22 1876 3.71
TOTALS	—	—	—	—	3.23	1877 36 1877 1.82
MEANS	30.066	35.2	68.7	W.	.104	1878 30 1878 6.76
						1879 32 1879 5.36
						1880 27 1880 3.42
						1881 39 1881 3.80
						1882 30 1882 2.65
						1883 29 1883 3.71
						1884 34 1884 4.46
						1885 33 1885 2.09
						1886 28 1886 3.66
						1887 32 1887 2.71
						1888 35 1888 4.88
						1889 38 1889 1.83
						1890 26 1890 3.72
						1891 40 1891 3.58
						1892 30 1892 1.12
						1893 30 1893 5.16
						1894 32 1894 4.28
						1895 36 1895 2.45
						1896 30 1896 1.70
						1897 24 1897 5.92
						1898 32 1898 2.19
						1899 36 1899 1.52
						1900 33 1900 2.25
						1901 32 1901 8.49
						1902 28 1902 4.48
						1903 29 1903 2.37
						1904 36 1904 2.52
						1905 35 1905 3.23

*T Indicates trace of precipitation.

Average mean temperature for 35 years, 31°.

Average monthly precipitation for 35 years, 3.38".

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of January, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of January, 1906 982
Population by Census, 1905, 595,380 Rate per 1,000 inhabitants, 19.79

Total number	982
SEX.	
Males	500
Females	482
CONDITION.	
Single	467
Married	316
Widowed	180
Divorced	4
Unknown	15

COLOR.	
White	963
Black (Negro or mixed)	19
Indian	—
Chinese	—
Japanese	—

Total deaths of children,	Under 1 year	187
	Under 2 years	237
	Under 5 years	286

Diarrhœal diseases,	Under 1 year	8
	Under 2 years	10
	Under 5 years	10
	All ages	14

NATIVITY.	
United States	627
Ireland	185
England	16
Scotland	10
Germany	13
British America	59
Italy	8
Russia	16
Sweden	11
Other Countries	17
Unknown	20

PARENTAGE.	
United States	213
Irish	323
English	17
Scotch	15
German	22
British American	50
Italian	47
Russian	30
Swedish	13
Other Countries	65
Mixed	67
One parent unknown	45
Unknown	75
Still-births during the month	42

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for January, 1906.	AGE.																				SEX.			
		Under 1 year.																				Males.	Females.		
		1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and over.				
I. General Diseases.																									
1. Typhoid Fever	11							2	1	3	2	2	1									5	6		
2. Exanthematous typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia																									
4a. Malarial cachexia																									
5. Variola																									
6. Measles	12	8	2	1		11	1															9	3		
7. Scarlatina	7	1	1	4	1	7																5	2		
8. Whooping cough	2	1		1		2																1	1		
9. Diphtheria and croup	4		1	1	1	4																4			
9a. Diphtheria	7	3		3		7																4	3		
10. Grippe	9					1	1			1							1	2	1		1	1	1	8	
11. Miliary Fever																									
12. Asiatic Cholera																									
13. Cholera nostras																									
14. Dysentery	1													1									1		
14a. Dysentery, epidemic																									
15. Pest (Plague; bubonic plague)																									
16. Yellow fever																									
17. Leprosy																									
18. Erysipelas	4	1				1				1			1						1			2	2		
19. Other epidemic affections																									
20. Purulent infection and septicaemia . .	2												1		1								2		
21. Glanders and farcy	1												1										1		
22. Malignant pustule and charbon (anthrax)																									
23. Rabies																									
24. Actinomycosis, trichinosis, etc.																									
25. Pellagra																									
26. Tubercle of the larynx	1									1													1		
27. Tubercle of the lungs	169	3	1	3		8		3	7	10	11	19	16	13	7	7	6		1		1	56	53		
28. Tubercle of the meninges	16	2	2		2	6	1		2				1									6	4		
29. Tubercle, abdominal	2	1	1			2																2			
30. Pott's disease	2						1											1				2			
31. Abscess, cold and by congestion																									
32. Tumors, white (white swellings)																									
33. Tubercle of other organs	2	1	1			2																	2		
34. Tubercle, generalized																									
35. Scrofula																									
36. Syphilis																									
3. Tertiary	1													1									1		
4. Hereditary	3	3				3																2	1		
37. Bleorrhagia of the adult																									
38. Gonococcal infections of the child . .	1	1				1																	1		
39. Cancer and other malignant tumors of the buccal cavity	7															1	2	2	1	1			7		
40. Cancer and other malignant tumors of the stomach and liver	16													1	1	1	1	8	3	4	1	1	1	7	9

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																								SEX.		
Total Mortality for January, 1906.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum	6													1			2	1	1	1					1	5	
42.	Cancer and other malignant tumors of the genital organs of the female	8												1	1		1										3	
43.	Cancer and other malignant tumors of the breast	3													1										1			
44.	Cancer and other malignant tumors of the skin	1											1														1	
45.	Cancer and other malignant tumors of organs not specified	5											2	1				1			1				1	2	3	
46.	Other tumors (tumors of the female genital organs excepted)																											
47.	Rheumatism, acute, articular	2							1								1									2		
48.	Rheumatism, chronic, and gout.	3													1		1				1					2	1	
49.	Scorbutus																											
50.	Diabetes	10														2	2		3	2			1			6	4	
51.	Goitre, exophthalmic	1									1																1	
52.	Addison's disease																											
53.	Leukemia	3						1				1						1								1	2	
54.	Anemia, chlorosis																											
55.	Other general diseases																											
56.	Alcoholism, acute and chronic	7											2	1	1	3										5	2	
57.	Saturnism																											
58.	Other trade intoxications																											
59.	Other chronic poisonings																											
	Total general diseases	258	25	9	12	5	4	55	4	6	11	13	17	24	27	19	15	15	14	12	9	8	3	3	3		135	123
II. Diseases of the Nervous System and of the Organs of Sense.																												
60.	Encephalitis																											
61.	Meningitis, simple	18	8	3		1		12	1	1			1	1				2								14	4	
61a.	Meningitis, epidemic cerebrospinal	13	1	1	3		1	6	5	2																6	7	
62.	Locomotor ataxia, progressive.																											
63.	Other diseases of the spinal cord	1																	1								1	
64.	Cerebral congestion and hemorrhage	33											2		1	3	2	3	2	8	4	8	4	1		18	20	
65.	Cerebral softening																											
66.	Paralysis, without cause assigned	5												1	1				1	1	1					4	1	
67.	General paralysis	4												2			1		1							2	2	
68.	Other forms of mental alienation	8										2			1	1			2		1		1			7	1	
69.	Epilepsy																											
70.	Eclampsia (non-puerperal)																											
71.	Convulsions of children	2	2					2																		1	1	
72.	Tetanus																											
73.	Chorea																											
74.	Hysteria																											
74b.	Other affections of the nervous system	7								1	1		1	1	1		1		1							2	3	
75.	Diseases of the eye and appendages																											
76.	Diseases of the ear	4			1		1	2		1			1													2	2	
	Total of the nervous system, etc.,	100	11	4	4	1	2	22	6	4		1	3	5	4	3	5	4	6	5	12	5	9	4	2		50	44
III. Diseases of the Circulatory Apparatus.																												
77.	Pericarditis	1											1														1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for January, 1906.	AGE.																										SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
III. Diseases of the Circulatory Apparatus.—Concluded.																														
78.	Endocarditis, acute	10						1									2	1		1	4				1		8	2		
79.	Organic diseases of the heart	82	3	2			5			2	1		2	4	3	6	7	14	10	11	6	5	4	1	1		40	42		
80.	Angina pectoris	3														1	1										1	2		
81.	Affections of the arteries (atheroma, aneurism, etc.)	17															1	2	2	3	2	3	1	3			12	5		
82.	Embolism and thrombosis	1																1										1		
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																		1											
84.	Affections of the lymphatic system (lymphangitis, etc.)																													
85.	Hemorrhages	3	1				1										1		1								1	2		
86.	Other affections of the circulatory apparatus																													
	Total of circulatory apparatus	117	4	2			6	1		2	1	1	2	4	5	10	12	16	14	17	9	6	8	2	1		62	53		
IV. Diseases of the Respiratory Apparatus.																														
87.	Diseases of the nasal fossæ																													
88.	Affections of the larynx	2	1	1			2																				1	1		
89.	Affections of the thyroid body																													
90.	Bronchitis, acute	28	5	2	1		1	9		1			1	3		1		1	3	2	1	3	2	1			11	17		
91.	Bronchitis, chronic	3																	1			2					3			
92.	Broncho-pneumonia	47	18	13	4		2	37	1				1	1	1	1		3		1		1					26	21		
93.	Pneumonia	118	18	13	7	2		40		2		4	3	5	6	2	4	13	9	9	6	3	6	3	2	1	63	55		
94.	Pleurisy	1																		1							1			
95.	Pulmonary congestion and apoplexy	1																						1			1			
96.	Gangrene of the lung																													
97.	Asthma	1												1													1			
98.	Emphysema, pulmonary	1						1																			1			
99.	Other diseases of the respiratory apparatus (phthisis excepted)	1	1					1																		1				
	Total respiratory apparatus	203	43	29	12	2	3	89	2	2	1	4	4	7	11	3	5	16	10	14	9	5	11	6	3	1	103	100		
V. Diseases of the Digestive Apparatus.																														
100.	Affections of the mouth and its adnexa																													
101.	Affections of the pharynx																													
102.	Affections of the esophagus																													
103.	Ulcer of the stomach	2											1				1											2		
104.	Other affections of the stomach (cancer excepted)	14	1	1			2						1	1	1		2	1		2		1	2		1		7	7		
105.	Diarrhœa and enteritis (under two years)	10	8	2			10																				4	6		
105a.	Diarrhœa and enteritis, chronic	2																1	1								2			
106.	Diarrhœa and enteritis (two years and over)	1																			1						1			
107.	Parasites, intestinal																													
108.	Hernia, intestinal obstructions	8	2				2				1					1			1	2			1				2	6		
109.	Other affections of the intestines	6	1				1					1		1	1				2								1	5		
110.	Icterus, grave																													
111.	Hydatid tumors of the liver																													
112.	Cirrhosis of the liver	2															1			1							1	1		
113.	Biliary calculi	3											1		1	1												3		
114.	Other affections of the liver	6	1				1					1	1								1	1	1				2	4		
115.	Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

CAUSES OF DEATH	AGE.																								SEX.			
	Total Mortality for January, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
V. Diseases of the Digestive Apparatus.																												
<i>—Concluded.</i>																												
116. Peritonitis, simple (puerperal excepted),	8							1				2	1	2				1	1								3	5
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	1																			1							1	
118. Appendicitis and abscess of the iliac fossa	7						1		1					1	1	2	1										4	3
Total digestive apparatus	70	13	3				16	2		1	1	6	3	4	6	7	3	2	7	3	3	3	2	1			27	43
VI. Diseases of the Genito-Urinary Apparatus and Its Adnexa.																												
119. Nephritis, acute	38	2				2	1				3	4	2	1	3	2	3	6	2	5	2	1	1				18	20
120. Bright's disease	25	1				1							1	2	2			4	4	5	2	2	2				9	16
121. Other diseases of the kidneys and their adnexa																												
122. Calculi of the urinary tract	1										1																1	
123. Diseases of the bladder	3												1			1			1								1	2
124. Diseases of the urethra, urinary abscess, etc.	1													1													1	
125. Diseases of the prostate	2																				1	1					2	
126. Non-venereal diseases of the male genital organs																												
127. Metritis																												
128. Hemorrhage, uterine, non-puerperal																												
129. Tumor, uterine, non-cancerous	2												1		1												2	
130. Other diseases of the uterus	3													1	2												3	
131. Cysts and other tumors of the ovary	1														1												1	
132. Other diseases of the female genital organs																												
133. Diseases of the breast, non-puerperal (cancer excepted)																												
Total of genito-urinary	76	3					3	1		3	5	5	5	9	3	3	10	7	10	5	4	3				30	46	
VII. Puerperal State.																												
134. Accidents of pregnancy	4										1	1	2														4	
135. Hemorrhage, puerperal																												
136. Other accidents of labor																												
137. Septicemia, puerperal																												
138. Albuminuria and puerperal eclampsia,																												
139. Phlegmasia alba dolens, puerperal																												
140. Other puerperal accidents—sudden death																												
141. Puerperal diseases of the breast																												
Total puerperal	4										1	1	2														4	
VIII. Diseases of the Skin and Cellular Tissue.																												
142. Gangrene	1																						1				1	
143. Furuncle (carbuncle)																												
144. Phlegmon, warm abscess	1	1				1																					1	
145. Other diseases of the skin and its adnexa																												
Total skin tissue	2	1				1																	1			1	1	
IX. Diseases of the Organs of Locomotion.																												
146. Affections of the bones (non-tuberculous)																												
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148. Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		AGE.																				SEX.						
		Total Mortality for January, 1902.																				Male.	Female.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149.	Other affections of the organs of locomotion																											
Total organs locomotion																												
X. Malformations.																												
150.	Malformations, congenital (still-births excepted)	5	5				5																			3	2	
XI. Early Infancy.																												
151.	Congenital debility, icterus and sclerema	75	75				75																			40	35	
152.	Other diseases appertaining to infancy,	1	1				1																			1		
153.	Lack of care																											
Total early infancy		76	76				76																			41	35	
XII. Old Age.																												
154.	Senile debility	18																	1	4	3	2	6	2	2	2	16	
XIII. Affections Produced by External Causes.																												
155.	Suicide by poison	2										1	1													1	1	
156.	Suicide by asphyxia													1												1		
157.	Suicide by hanging or strangulation	1																								1		
158.	Suicide by submersion																											
159.	Suicide by firearms																											
160.	Suicide by cutting instruments	1												1												1		
161.	Suicide by jumping from high places																											
162.	Suicide by crushing																											
163.	Other suicides																											
164.	Fractures	5										1	1	1	1	1	1									5		
165a.	Luxations																											
166.	Other accidental traumatisms	15	1				1	2	1	1	2			4	2	1	1									14	1	
167.	Burns and scalds	6	2			1	3	1							1		1									3	3	
168.	Burns by corrosive substances																											
169.	Inolation																											
170.	Freezing																											
171.	Electrical disturbances																											
172.	Accidental submersion	2												1	1											2		
173a.	Inanition																											
174.	Absorption of deleterious gases (suicide excepted)	1												1												1		
175.	Other acute poisonings	2											1				1									2		
176.	Other external violence	6	3				3	1	1					1												3	3	
Total affections, etc.		41	3	3			1	7	1	3	2	1	5	2	5	6	1	3	3	2						33	8	
XIV. Ill-defined Diseases.																												
177.	Dropsy																											
178.	Sudden death																											
179.	Non-specified or ill-defined causes of death	12	3	2	1		6		2								2	1		1						7	5	
Total ill-defined diseases		12	3	2	1		6		2								2	1		1						7	5	
Total from all causes,		983	187	50	30	9	10	286	17	15	19	25	42	30	60	51	46	58	62	62	61	39	39	29	17	4	500	482

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement house including four or more families, 5,684. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Parks and play grounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JANUARY, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JAN. 1906.	JAN. 1905.	JAN. 1906.	JAN. 1905.		JAN. 1906.	JAN. 1905.	JAN. 1906.	JAN. 1905.
Cholera	—	—	—	—	Measles	790	43	—	2
Chicken-pox	35	60	—	—	Scarlatina	144	134	—	—
Cerebro-spinal Meningitis	13	1	—	—	Smallpox	—	2	—	—
Diphtheria and Croup	179	172	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	43	50	—	—
Tuberculosis	195	203	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,258	Cattle condemned, 13	6,745 lbs.
Calves "	1,299	Calves "	1 52 "
Sheep "	449	Sheep "	1 45 "
Hogs "	2,126	Hogs "	3 601 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	468
" "	" " Wagons	552
" "	" brought in by Citizens	34
" "	" for bacteriological examination	602
" "	Vinegar	124
" "	Butter and Cheese	45
Total Samples,		1,825

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,694 lbs.	6,765 lbs.	Miscellaneous, 4 bush.
" (tainted) — "		Fruit, 1 "
Poultry " 801 "		
Mutton " 65 "		
Beef " — "		
Pork " 243 "		
Bear Meat " 20 "		
Rabbits " 100 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	109	Other examinations:*	Positive	4
	Positive for release	111		Negative	18
	Negative for diagnosis	634		Unsatisfactory	0 22
	Negative for release	207			
TUBERCULOSIS:	"No growth" cultures	17 . 1,078	GLANDERS:	Positive	4
	Positive	86		Negative	8
	Negative	232		Unsatisfactory	5 17
	Unsatisfactory	0 . 318		Total	1,520
TYPHOID:	Positive	14			
	Negative	68			
	Unsatisfactory	3 . 85			

* Abscess, gonorrhoeal ophthalmia, virulence, gonorrhoea, malaria, genito-urinary tuberculosis, para typhoid, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of January, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.10	36	66	W.	.02	Mean Barometer, 30.13.
2	30.31	30	44	N.W.	.00	Highest Barometer, 30.76 on the 25th.
3	30.24	28	63	S.E.	.27	Lowest Barometer, 29.20 on the 4th.
4	29.38	46	81	S.W.	.62	Monthly Range of Barometer, 1.56.
5	29.63	40	58	S.W.	.00	Mean Temperature, 35.6°
6	29.74	36	58	S.W.	.02	Highest Temperature, 68° on the 21st and 23d.
7	30.06	30	57	W.	.00	Lowest Temperature, 9° on the 10th.
8	30.20	20	75	N.W.	*T	Monthly Range of Temperature, 59°.
9	30.08	19	68	N.W.	.05	Greatest Daily Range of Temperature, 35° on the 24th.
10	30.46	18	71	S.W.	.00	Least Daily Range of Temperature, 6° on the 5th.
11	30.56	25	71	N.W.	.00	Mean Daily Range of Temperature, 15°.
12	30.31	44	77	S.	.07	Mean Daily Dew-point, 25.6.
13	30.40	35	62	N.E.	.00	Mean Daily Relative Humidity, 69.6.
14	30.18	31	86	N.	.19	Prevailing Direction of Wind, S.W.
15	30.26	31	74	S.	*T	Total Movement of Wind, 8,222 miles.
16	29.64	42	80	S.W.	1.05	Highest Velocity of Wind and Direction 33—N.E. on the 14th.
17	29.82	37	75	W.	.00	Number of Foggy Days, 4.
18	29.78	38	82	S.W.	.07	Number of Clear Days, 10.
19	30.18	32	64	N.	.00	Number of Fair Days, 7.
20	30.30	35	83	S.E.	*T	Number of Cloudy Days, 14.
21	30.16	57	83	S.W.	*T	Total Number of Days on which Rain or Snow fell, 15.
22	30.26	56	89	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	30.08	60	80	S.W.	.06	Dates of Auroras, none.
24	30.34	42	56	N.W.	.40	Dates of Lunar Halos, 11th and 12th.
25	30.76	22	56	N.	.00	Dates of Solar Halos, 3d and 8th.
26	30.53	27	64	N.W.	.00	Thunder Storms, none.
27	30.20	38	66	S.W.	.00	Dates of Frosts, —.
28	29.66	40	64	N.W.	.14	Mean Maximum Temperature, 43.2°. Mean Minimum Temperature, 22.2°.
29	30.16	26	50	N.W.	.00	MEAN TEMPERATURE for this month is:
30	30.22	36	65	S.	.00	1871 26
31	29.95	46	76	S.	.00	1872 27
TOTALS	983.98	1,103	2,154	—	2.96	1873 26
MEANS	30.13	35.6	69.6	S.W.	.005	1874 31
						1875 20
						1876 30
						1877 23
						1878 28
						1879 24
						1880 35
						1881 22
						1882 26
						1883 25
						1884 24
						1885 27
						1886 26
						1887 26
						1888 20
						1889 36
						1890 32
						1891 31
						1892 28
						1893 21
						1894 30
						1895 29
						1896 25
						1897 28
						1898 29
						1899 29
						1900 30
						1901 28
						1902 27
						1903 27
						1904 23
						1905 35.6
						1871 0.92
						1872 2.11
						1873 5.96
						1874 4.32
						1875 3.68
						1876 1.87
						1877 3.83
						1878 7.60
						1879 2.70
						1880 8.72
						1881 7.21
						1882 3.68
						1883 3.59
						1884 6.27
						1885 5.33
						1886 7.08
						1887 4.86
						1888 2.26
						1889 4.11
						1890 2.00
						1891 4.39
						1892 4.62
						1893 2.56
						1894 3.01
						1895 3.79
						1896 1.23
						1897 3.16
						1898 3.50
						1899 4.10
						1900 4.20
						1901 1.56
						1902 1.65
						1903 3.43
						1904 4.80
						1905 2.96

*T indicates trace of precipitation.

Average mean temperature for 35 years, 27.0°.

Average monthly precipitation for 35 years, 4.10 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of February, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of February, 1906 944
Population by Census, 1905, 595,380 Rate per 1,000 inhabitants, 19.03

Total number 944		NATIVITY.	
SEX.		United States	591
Males	490	Ireland	163
Females	454	England	15
CONDITION.		Scotland	5
Single	468	Germany	17
Married	294	British America	76
Widowed	161	Italy	16
Divorced	4	Russia	21
Unknown	17	Sweden	7
COLOR.		Other Countries	19
White	910	Unknown	14
Black (Negro or mixed)	32	PARENTAGE.	
Indian	—	United States	198
Chinese	2	Irish	282
Japanese	—	English	10
Total deaths of children, {		Scotch	8
Under 1 year		German	22
Under 2 years		British American	68
Under 5 years		Italian	49
Diarrhœal diseases, {		Russian	37
Under 1 year		Swedish	11
Under 2 years		Other Countries	52
Under 5 years		Mixed	77
All ages		One parent unknown	47
		Unknown	83
		Still-births during the month	66

[illegible]

CAUSES OF DEATH.

77. Pericarditis

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		Total Mortality for		AGE.																				SEX.										
		February, 1906.		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.					
III. Diseases of the Circulatory Apparatus.—Concluded.																																		
78.	Endocarditis, acute	11								2							1	1	1	1	1	2									4	7		
79.	Organic diseases of the heart	81	3	1			4			1	1		3	1	3	6	6	7	10	2	10	5	10	5	1						40	4		
80.	Angina pectoris	4																	1		1	1	1									2	2	
81.	Affections of the arteries (atheroma, aneurism, etc.)	20															1		2	1	2	3	2	5	3				1			15	5	
82.	Embolism and thrombosis																																	
83.	Affections of the veins (varices, hemorrhoids, phlebitis, etc.)	1																				1											1	
84.	Affections of the lymphatic system (lymphangitis, etc.)	1	1				1																										1	
85.	Hemorrhages	3	2				2						1																				1	2
86.	Other affections of the circulatory apparatus																																	
	Total of circulatory apparatus	123	6	1			7			3	1		5	1	3	9	7	11	12	12	17	8	15	9	2	1					64	59		
IV. Diseases of the Respiratory Apparatus.																																		
87.	Diseases of the nasal fossæ	1	1				1																										1	
88.	Affections of the larynx																																	
89.	Affections of the thyroid body																																	
90.	Bronchitis, acute	22	10	2	1	13						1			1	1	1	1		1			1					2			14	8		
91.	Bronchitis, chronic																																	
92.	Broncho-pneumonia	39	17	6	1	2	26	1				2	3						2		1		2	1			1				19	20		
93.	Pneumonia	113	22	14	1	5	3	45	1	4	6	5	2	8	3	2	7	9	5	4	5	4	2	1							56	57		
94.	Pleurisy	3				1	1					1								1												1	2	
95.	Pulmonary congestion and apoplexy	1																			1											1		
96.	Gangrene of the lung																																	
97.	Asthma																																	
98.	Emphysema, pulmonary	1																			1												1	
99.	Other diseases of the respiratory apparatus (phthisis excepted)	4										2		1		1																1	3	
	Total respiratory apparatus	184	50	22	3	7	4	86	2	4	9	8	5	10	4	4	10	9	9	5	7	6	2	2	2					93	91			
V. Diseases of the Digestive Apparatus.																																		
100.	Affections of the mouth and its adnexa																																	
101.	Affections of the pharynx	1			1		1																										1	
102.	Affections of the esophagus	1			1		1																											
103.	Ulcer of the stomach	3																																
104.	Other affections of the stomach (cancer excepted)	4	1				1					1								2				1								1	3	
105.	Diarrhea and enteritis (under two years)	4	2	2			4																									1	3	
105a.	Diarrhea and enteritis, chronic	1																			1												1	
106.	Diarrhea and enteritis (two years and over)	2			1		1										1																2	
107.	Parasites, intestinal																																	
108.	Hernia, intestinal obstructions	7	1	1			2				1				1	1	1		1													4	3	
109.	Other affections of the intestines	1												1																			1	
110.	Icterus, grave																																	
111.	Hydatid tumors of the liver																																	
112.	Cirrhosis of the liver	8											1		1		1	2	3													6	2	
113.	Biliary calculi	1																		1													1	
114.	Other affections of the liver	6												1		1			2		1	1										4	2	
115.	Affections of the spleen																																	

MONTHLY STATEMENT OF DEATHS.

[illegible]

AGE.

Total Mortality for
February, 1906.

SEX.

Males.	Females.
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

149. Other affections of the organs of locomotion	
Total organs locomotion	

X. Malformations.

150. Malformations, congenital (still-births excepted)

XI. Early Infancy.

151. Congenital debility, icterus and sclerema

152. Other diseases appertaining to infancy,

153. Lack of care

Total early infancy

XII. Old Age.

154. Senile debility

XIII. Affections Produced by External Causes.

155. Suicide by poison

156. Suicide by asphyxia

157. Suicide by hanging or strangulation

158. Suicide by submersion

159. Suicide by firearms

160. Suicide by cutting instruments . . .

161 Suicide by jumping from high places

162 Suicide by crushing

163. Other sulcides

164 Fractures

1652 Luxations

166 Other accidental traumatismes

167 Burns and scalds

162 Burns by corrosive substances

160 Insolation

150 Freezing

181 Electrical disturbances

152 Accidental submersion

174. Absorption of deleterious gases (sulcid
excepted)

175. Other acute poisonings

176. Other external violence

Total affections, etc.

XIV. Ill-defined Diseases.

177. Dropsy

176. Sudden death

179. Non-specified or ill-defined causes of death

Total ill-defined diseases . .

Total from all causes.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,684. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and play grounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF FEBRUARY, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	FEB. 1906.	FEB. 1905.	FEB. 1906.	FEB. 1905.		FEB. 1906.	FEB. 1905.	FEB. 1906.	FEB. 1905.
Cholera	—	—	—	—	Measles	754	23	—	—
Chicken-pox	49	30	—	—	Scarlatina	91	106	—	—
Cerebro-spinal Meningitis	5	2	—	—	Smallpox	—	2	1	—
Diphtheria and Croup	196	141	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal Tuberculosis	195	175	—	—	Typhoid fever	26	61	—	—
					Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,518	Cattle condemned, 12	5,539 lbs.
Calves "	940	Calves "	1 48 "
Sheep "	187	Sheep "	— — "
Hogs "	1,659	Hogs "	1 305 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 2,767 lbs.	830 lbs.	Miscellaneous,
" (tainted) — "		Fruit,
Poultry " 40 "		Canned Goods,
Mutton " — "		
Beef " 512 "		
Pork " — "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	638
" "	" " Wagons	304
" "	" brought in by Citizens	35
" "	" for bacteriological examination	455
" "	Vinegar	170
" "	Butter and Cheese	24
	Total Samples,	1,626

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	111
	Positive for release	117
	Negative for diagnosis	593
	Negative for release	147
	"No growth" cultures	17 . 985
TUBERCULOSIS:	Positive	74
	Negative	222
	Unsatisfactory	0 . 296
TYPHOID:	Positive	5
	Negative	65
	Unsatisfactory	4 . 74

Other examinations:	Positive	13
	Negative	20
	Unsatisfactory	3 . 36
GLANDERS:	Positive	3
	Negative	9
	Unsatisfactory	8 . 20
	Total	1,411

* Malaria, gonorrheal ophthalmia, virulence, genito-urinary tuberculosis, para typhoid, grippe, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of February, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.78	40	68	W.	.00	Mean Barometer, 30.192.
2	29.98	22	50	W.	.00	Highest Barometer, 30.97 on the 11th.
3	30.48	8	51	N.W.	.00	Lowest Barometer, 29.58 on the 28th.
4	30.84	29	71	S.W.	.00	Monthly Range of Barometer, 1.39.
5	30.21	29	74	N.W.	.04	Mean Temperature, 29.7°
6	30.56	12	60	N.	.00	Highest Temperature, 63° on the 21st.
7	30.48	16	63	N.	*T	Lowest Temperature, 1° on the 3d.
8	30.50	20	78	S.E.	.00	Monthly Range of Temperature, 64°.
9	30.04	32	98	N.E.	1.02	Greatest Daily Range of Temperature, 32° on the 2d.
10	30.37	20	64	W.	.00	Least Daily Range of Temperature, 4° on the 14th.
11	30.96	18	60	N.W.	.00	Mean Daily Range of Temperature, 16.1°.
12	30.71	31	83	S.E.	.00	Mean Daily Dew-point, 19.6.
13	30.12	37	90	N.	.13	Mean Daily Relative Humidity, 68.7.
14	29.91	38	84	E.	.13	Prevailing Direction of Wind, N.W.
15	30.06	24	80	N.W.	.21	Total Movement of Wind, 7,747 miles.
16	30.44	22	55	N.W.	.00	Highest Velocity of Wind and Direction 36—N.W. on the 28th.
17	30.54	26	70	N.W.	.00	Number of Foggy Days, 1. Number of Fair Days, 5.
18	30.18	32	76	S.W.	.00	Number of Clear Days, 14. Number of Cloudy Days, 9.
19	30.10	38	62	N.W.	*T	Total Number of Days on which Rain or Snow fell, 11.
20	30.23	42	68	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.82	52	90	S.W.	.66	Dates of Auroras, none. Date of Lunar Halos, 8th.
22	29.96	41	62	N.	.05	Dates of Solar Halos, 12th, 25th, 27th. Thunder Storms, none.
23	30.84	33	45	N.	.00	Dates of Frosts, —.
24	30.22	40	67	S.	.00	Mean Maximum Temperature, 37.8°. Mean Minimum Temperature, 21.6°.
25	29.96	36	80	S.	*T	MEAN TEMPERATURE for this month in
26	29.70	40	78	W.	.42	1871 29
27	29.78	27	40	N.W.	.00	1872 28
28	29.66	14	64	N.W.	.00	1873 27
—	—	—	—	—	—	1874 28
—	—	—	—	—	—	1875 22
—	—	—	—	—	—	1876 27
—	—	—	—	—	—	1877 32
—	—	—	—	—	—	1878 29
—	—	—	—	—	—	1879 24
—	—	—	—	—	—	1880 32
—	—	—	—	—	—	1881 28
—	—	—	—	—	—	1882 30
—	—	—	—	—	—	1883 29
—	—	—	—	—	—	1884 31
—	—	—	—	—	—	1885 20
—	—	—	—	—	—	1886 27
—	—	—	—	—	—	1887 29
—	—	—	—	—	—	1888 28
—	—	—	—	—	—	1889 26
—	—	—	—	—	—	1890 33
—	—	—	—	—	—	1891 32
—	—	—	—	—	—	1892 28
—	—	—	—	—	—	1893 27
—	—	—	—	—	—	1894 27
—	—	—	—	—	—	1895 25
—	—	—	—	—	—	1896 29
—	—	—	—	—	—	1897 31
—	—	—	—	—	—	1898 33
—	—	—	—	—	—	1899 27
—	—	—	—	—	—	1900 29
—	—	—	—	—	—	1901 24
—	—	—	—	—	—	1902 29
—	—	—	—	—	—	1903 31
—	—	—	—	—	—	1904 23
—	—	—	—	—	—	1905 23
—	—	—	—	—	—	1906 30
—	—	—	—	—	—	1871 2.63
—	—	—	—	—	—	1872 2.31
—	—	—	—	—	—	1873 3.21
—	—	—	—	—	—	1874 3.41
—	—	—	—	—	—	1875 3.74
—	—	—	—	—	—	1876 4.54
—	—	—	—	—	—	1877 0.45
—	—	—	—	—	—	1878 4.40
—	—	—	—	—	—	1879 4.35
—	—	—	—	—	—	1880 4.11
—	—	—	—	—	—	1881 4.89
—	—	—	—	—	—	1882 4.77
—	—	—	—	—	—	1883 2.74
—	—	—	—	—	—	1884 5.74
—	—	—	—	—	—	1885 3.00
—	—	—	—	—	—	1886 7.04
—	—	—	—	—	—	1887 3.69
—	—	—	—	—	—	1888 2.36
—	—	—	—	—	—	1889 1.54
—	—	—	—	—	—	1890 2.29
—	—	—	—	—	—	1891 3.66
—	—	—	—	—	—	1892 2.15
—	—	—	—	—	—	1893 6.22
—	—	—	—	—	—	1894 3.15
—	—	—	—	—	—	1895 1.11
—	—	—	—	—	—	1896 8.94
—	—	—	—	—	—	1897 2.12
—	—	—	—	—	—	1898 4.81
—	—	—	—	—	—	1899 3.63
—	—	—	—	—	—	1900 6.84
—	—	—	—	—	—	1901 0.66
—	—	—	—	—	—	1902 4.19
—	—	—	—	—	—	1903 3.90
—	—	—	—	—	—	1904 2.49
—	—	—	—	—	—	1905 1.59
—	—	—	—	—	—	1906 2.66
TOTALS.....	—	—	—	—	2.66	
MEANS.....	30.19	29.7	68.7	N.W.	.065	

*T indicates trace of precipitation.

Average mean temperature for 35 years, 28.5°.

Average monthly precipitation for 35 years, 4.46 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of March, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of March, 1906 1,067
Population by Census, 1905, 595,380 Rate per 1,000 inhabitants, 21.50

Total number 1,067

SEX.

Males 538
Females 529

CONDITION.

Single 504
Married 327
Widowed 204
Divorced 4
Unknown 28

COLOR.

White 1,036
Black (Negro or mixed) 29
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 186
Under 2 years 257
Under 5 years 309

Diarrhœal diseases, { Under 1 year 7
Under 2 years 9
Under 5 years 9
All ages 12

NATIVITY.

United States 666
Ireland 171
England 28
Scotland 6
Germany 19
British America 92
Italy 23
Russia 20
Sweden 4
Other Countries 15
Unknown 23

PARENTAGE.

United States 236
Irish 311
English 21
Scotch 10
German 24
British American 65
Italian 78
Russian 42
Swedish 6
Other Countries 32
Mixed 123
One parent unknown 38
Unknown 81
Still-births during the month 51

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																									SEX.	
	Total Mortality for March, 1911.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	5			1		1	1	1		1	1	2		2	1											8	1
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	17	4	8	3	1	1	17																			12	5
7. Scarletina	6	1	1	3		1	6																			4	2
8. Whooping cough	5	2		2	1		5																			3	2
9. Diphtheria and croup	1		1				1																			1	
9a. Diphtheria	15	3	2	3	2	2	12	3																		7	8
10. Grippe	6							1				1						1				2		1		2	4
11. Miliary Fever																											
12. Asiatic Cholera																											
13. Cholera nostras																											
14. Dysentery	1																						1				1
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	6	3					3														2	1				1	5
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	12	2		1		1	4		1		2			2	2				1							3	9
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx																											
27. Tubercle of the lungs	118	2	4				6	1	2	8	11	17	21	12	15	11	6	4	3	1						57	61
28. Tubercle of the meninges	13	4	2		3	1	10				1	1		1												6	7
29. Tubercle, abdominal	6	1	1				2			1	1	1		1												2	4
30. Pott's disease																											
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .																											
33. Tubercle of other organs	1									1																1	
34. Tubercle, generalized																											
35. Scrofula																											
36. Syphilis																											
3. Tertiary	3									1								1		1							3
4. Hereditary																											
37. Bleenorrhagia of the adult																											
38. Gonococcal infections of the child . .	1	1					1																			1	
39. Cancer and other malignant tumors of the buccal cavity	3													1	1		1									2	1
40. Cancer and other malignant tumors of the stomach and liver	17														2	1	1	2	4	4	2	1				9	8

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for March, 1906.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
VI. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	5									1		1		1			1				1					2	3
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2											1								1							
118. Appendicitis and abscess of the iliac fossa	9					1	1	3		1	2	1								1						5	4
Total digestive apparatus	72	15	4	1	1	1	22	4		1	4	3	4	2	4	2	8	3	3	3	4	4		1		35	37
VII. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	35											1		4	2	8	4	3	9	6	1					22	16
120. Bright's disease	15							1								2	3	2	1	2	2	1	1			10	5
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder	2												1							1						2	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	5																1		1	1		1	1			5	
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	2							1			1																2
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	62							1	1			2	1	4	4	12	6	5	12	9	3	2				39	23
VIII. Puerperal State.																											
134. Accidents of pregnancy	3									1		2															3
135. Hemorrhage, puerperal	1											1															1
136. Other accidents of labor	2									1	1																2
137. Septicemia, puerperal	2								1		1																2
138. Albuminuria and puerperal eclampsia,	2								1		1																2
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	10									2	2	3	3														10
IX. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	5													1			1	1			1	1				2	3
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa																											
Total skin tissue	5													1			1	1			1	1				2	3
X. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	4	1	1				2							1				1								2	2
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for March, 1906.	AGE.																				SEX.					
		Under 1 year. 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years. 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.																			Males.	Females.					
IX. Diseases of the Organs of Locomotion.—Concluded.																											
149. Other affections of the organs of locomotion																											
Total organs locomotion	4	1	1				2								1					1							2
X. Malformations.																											
150. Malformations, congenital (still-births excepted)	8	8					8																				6 2
XI. Early Infancy.																											
151. Congenital debility, icterus and sclerema	60	60					60																				35 25
152. Other diseases appertaining to Infancy,	5	5					5																				3 2
153. Lack of care																											
Total early Infancy	65	65					65																				38 27
XII. Old Age.																											
154. Senile debility	24																							3 5 4 5 7 7 17			
XIII. Affections Produced by External Causes.																											
155. Suicide by poison	1																								1		1
156. Suicide by asphyxia																											
157. Suicide by hanging or strangulation	1																								1		1
158. Suicide by submersion																											
159. Suicide by firearms	2															1	1										2
160. Suicide by cutting instruments																											
161. Suicide by jumping from high places																											
162. Suicide by crushing																											
163. Other suicides																											
164. Fractures	3												1		1	1											3
165a. Luxations																											
166. Other accidental traumatisms	17		1				1		1	1		4	1	4		1		1		1		1		1		17	
167. Burns and scalds	11		1				1	1				2	1	2			1	1	1					1		4	
168. Burns by corrosive substances																											
169. Insolation																											
170. Freezing	1							1																			1
171. Electrical disturbances																											
172. Accidental submersion	3						1	1					2														2 1
173a. Inanition																											
174. Absorption of deleterious gases (suicide excepted)	4												1		1		1		1								3 1
175. Other acute poisonings	1															1											1
176. Other external violence	6	1					1						1		3	1											4 2
Total affections, etc.	50	1	2				1	4	2	1	1	7	6	7	5	4	2	3	1	2		2	2	1			39 11
XIV. Ill-defined Diseases.																											
177. Dropsy																											
178. Sudden death																											
179. Non-specified or ill-defined causes of death	9	2	2				4		1								2	1		1							7 2
Total ill-defined diseases	9	2	2				4		1								2	1		1							7 2
Total from all causes.	1067	186	71	25	17	10	309	21	11	24	33	40	53	59	67	53	67	51	62	57	55	36	33	21	15	538	295

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,684. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and play grounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MARCH, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAR. 1906.	MAR. 1905.	MAR. 1906.	MAR. 1905.		MAR. 1906.	MAR. 1905.	MAR. 1906.	MAR. 1905.
Cholera	—	—	—	—	Measles	813	41	2	—
Chicken-pox	54	29	—	—	Scarlatina	149	133	—	—
Cerebro-spinal Meningitis . .	17	21	—	—	Smallpox	3	—	—	—
Diphtheria and Croup . . .	193	118	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	20	22	—	1
Tuberculosis	265	231	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,096	Cattle condemned, 11	5,190 lbs.
Calves "	1,173	Calves "	1 54 "
Sheep "	46	Sheep "	— — "
Hogs "	2,097	Hogs "	6 578 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	479
" "	" " Wagons	473
" "	" brought in by Citizens	23
" "	" for bacteriological examination	478
" "	Vinegar	73
" "	Butter and Cheese	88
Total Samples,		1,614

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 2,974 lbs.	250 lbs.	Fruit, 5 bush.
" (tainted) — "		
Poultry " 595 "		
Mutton " — "		
Beef " — "		
Pork " — "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	139	Other examinations:* Positive	12
	Positive for release	164		Negative 32
	Negative for diagnosis	624		Unsatisfactory 3 . . . 47
	Negative for release	261		
TUBERCULOSIS:	"No growth" cultures	13 . 1,201	GLANDERS:	Positive 4
	Positive	79		Negative 8
	Negative	272		Unsatisfactory 5 . . . 17
	Unsatisfactory	0 . 351		Total 1,635
TYPHOID:	Positive	8		
	Negative	57		
	Unsatisfactory	4 . 69		

* Gonorrhoeal ophthalmia, rables, malaria, gonorrhoeas, virulence, paratyphoid, pus, influenza, bacillus of icprosy, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of March, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

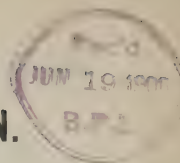
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.94	20	62	N.W.	.00	Mean Barometer, 30.06.
2	30.28	28	49	N.W.	.00	Highest Barometer, 30.90 on the 24th.
3	30.18	36	78	E.	1.01	Lowest Barometer, 29.16 on the 9th.
4	29.65	44	80	N.W.	.96	Monthly Range of Barometer, 1.74.
5	30.15	32	54	N.W.	.00	Mean Temperature, 32.4°
6	30.60	28	62	N.-S.W.	.00	Highest Temperature, 56° on the 27th.
7	30.20	35	86	S.W.	.02	Lowest Temperature, 8° on the 1st.
8	29.84	42	89	N.	.02	Monthly Range of Temperature, 48°.
9	29.30	36	95	N.	.70	Greatest Daily Range of Temperature, 24° on the 1st.
10	29.48	40	51	N.	*T	Least Daily Range of Temperature, 8° on the 9th.
11	29.99	36	41	N.	.00	Mean Daily Range of Temperature, 14.7°.
12	30.08	32	74	N.W.	.22	Mean Daily Dew-point, 22.6.
13	30.34	24	45	N.	.00	Mean Daily Relative Humidity, 67.9.
14	30.25	24	66	N.	.00	Prevailing Direction of Wind, W.
15	30.01	22	74	N.	.80	Total Movement of Wind, 9,100 miles.
16	29.75	28	75	N.W.	*T	Highest Velocity of Wind and Direction, 41 — E. on the 20th.
17	30.48	28	62	W.	.00	Number of Foggy Days, 8.
18	30.26	25	70	N.W.	.00	Number of Clear Days, 10.
19	30.40	28	84	E. & W.	.95	Number of Cloudy Days, 9.
20	29.88	32	82	W.	.29	Total Number of Days on which Rain or Snow fell, 12.
21	29.88	32	62	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
22	29.96	32	63	W.	*T	Dates of Auroras, none.
23	30.00	21	44	W.	.00	Date of Lunar Halos, none.
24	30.87	20	54	N.W.	.00	Dates of Solar Halos, 7th, 11th.
25	30.78	27	52	E. & W.	.00	Dates of Frosts, —.
26	30.50	34	68	S.E.	*T	Mean Maximum Temperature, Mean Minimum Temperature,
27	29.84	48	86	S.W.	.67	MEAN TEMPERATURE for this month in Total Precipitation for this Month in Inches
28	30.04	45	68	N.W.	.00	1871 42 1871 4.55
29	30.20	46	54	N.W.	.00	1872 26 1872 4.05
30	29.86	42	74	S.W.	.30	1873 34 1873 3.76
31	29.55	38	79	N.W.	.11	1874 34 1874 3.76
TOTALS.....	—	—	—	—	5.45	1875 31 1875 5.04
MEANS.....	30.66	32.4	67.9	N.W.	.176	1876 28 1876 7.19
						1877 35 1877 9.79
						1878 40 1878 5.91
						1879 84 1879 3.90
						1880 53 1880 3.25
						1881 37 1881 9.83
						1882 36 1882 3.25
						1883 31 1883 2.33
						1884 84 1884 4.86
						1885 28 1885 1.16
						1886 33 1886 3.20
						1887 32 1887 3.86
						1888 32 1888 3.32
						1889 28 1889 1.19
						1890 35 1890 5.88
						1891 34 1891 3.94
						1892 23 1892 3.91
						1893 34 1893 2.80
						1894 42 1894 1.01
						1895 35 1895 2.72
						1896 32 1896 5.41
						1897 37 1897 2.70
						1898 43 1898 1.82
						1899 24 1899 5.95
						1900 34 1900 4.60
						1901 36 1901 6.38
						1902 43 1902 5.29
						1903 44 1903 5.96
						1904 35 1904 2.43
						1905 87 1905 2.25
						1906 32 1906 5.45

*T Indicates trace of precipitation.

Average mean temperature for 36 years, 35°.

Average monthly precipitation for 36 years, 4.19 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of April, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of April, 1906	1,005
Population by Census, 1905, 595,380	Rate per 1,000 inhabitants, 20.26

Total number 1,005

SEX.

Males	535
Females	470

CONDITION.

Single	514
Married	317
Widowed	159
Divorced	4
Unknown	11

COLOR.

White	966
Black (Negro or mixed)	37
Indian	—
Chinese	2
Japanese	—

Total deaths of children,	Under 1 year	201
	Under 2 years	248
	Under 5 years	294

Diarrhœal diseases,	Under 1 year	7
	Under 2 years	9
	Under 5 years	11
	All ages	14

NATIVITY.

United States	624
Ireland	167
England	27
Scotland	8
Germany	14
British America	78
Italy	29
Russia	21
Sweden	6
Other Countries	12
Unknown	19

PARENTAGE.

United States	216
Irish	308
English	28
Scotch	10
German	17
British American	70
Italian	65
Russian	43
Swedish	6
Other Countries	24
Mixed	105
One parent unknown	52
Unknown	66
Still-births during the month	50

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1906.	AGE.																								SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.																											
1. Typhoid Fever	3										2				1											2	1
2. Exanthematous typhus																											
3. Recurrent fever																											
4. Intermittent fever and malarial cachexia																											
4a. Malarial cachexia																											
5. Variola																											
6. Measles	6	2	1	2	1		6																			1	5
7. Scarlatina	3			1				1	1					1												3	
8. Whooping cough	9	3	4	1	1		9																			2	7
9. Diphtheria and croup	3		2	1			3																				3
9a. Diphtheria	13	2	4	3	2		11	2																		5	8
10. Grippe	8		1	1			2					1					1		3						1	3	5
11. Miliary Fever																											
12. Asiatic Cholera																											
3. Cholera nostras																											
14. Dysentery																											
14a. Dysentery, epidemic																											
15. Pest (Plague; bubonic plague)																											
16. Yellow fever																											
17. Leprosy																											
18. Erysipelas	6	3					3	1												2						3	3
19. Other epidemic affections																											
20. Purulent infection and septicemia . .	6	2			1		3				1				1		1									4	2
21. Glanders and farcy																											
22. Malignant pustule and charbon (anthrax)																											
23. Rabies																											
24. Actinomycosis, trichinosis, etc. . . .																											
25. Pellagra																											
26. Tubercle of the larynx	1											1															1
27. Tubercle of the lungs	111	1	2				3	2	2	7	16	21	20	13	9	8	7	2	1							60	51
28. Tubercle of the meninges	9	4		1	1	1	7					1			1											6	3
29. Tubercle, abdominal	1										1																1
30. Pott's disease	2							1											1							1	1
31. Abscess, cold and by congestion . . .																											
32. Tumors, white (white swellings) . . .																											
33. Tubercle of other organs	3			1			1							1				1								3	
34. Tubercle, generalized	3			1			1		1								1									1	2
35. Scrofula	1	1					1																				1
36. Syphilis																											
3. Tertiary	2										1				1												2
4. Hereditary	5	5					5																			3	2
37. Bleorrhagia of the adult																											
38. Gonococcal infections of the child . .																											
39. Cancer and other malignant tumors of the buccal cavity	1																	1								1	
40. Cancer and other malignant tumors of the stomach and liver	21										1			1	1	3	5	4	3	1	2					8	13

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1906.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	10														1	3			1	3	1	1				2	8	
42. Cancer and other malignant tumors of the genital organs of the female	2															1					1							
43. Cancer and other malignant tumors of the breast	6													1		1	1	2	1									
44. Cancer and other malignant tumors of the skin																												
45. Cancer and other malignant tumors of organs not specified	12							1						1	3		3		2	1				1		4	8	
46. Other tumors (tumors of the female genital organs excepted)	1													1												1		
47. Rheumatism, acute, articular	5							1	1	1					1					1						8	2	
48. Rheumatism, chronic, and gout.	4									2								1	1							1	3	
49. Scorbutus																												
50. Diabetes	4	1					1							1						1	1					2	2	
51. Goltre, exophthalmic	1													1													1	
52. Addison's disease																												
53. Leukemia	2	1					1							1												1	1	
54. Anemia, chlorosis	4															2		1	1							2	2	
55. Other general diseases																												
56. Alcoholism, acute and chronic	8												1	1	2	2			1	1						7	1	
57. Saturnism																												
58. Other trade intoxications																												
59. Other chronic poisonings																												
Total general diseases	276	24	15	12	6	1	68	9	4	10	19	25	24	19	21	19	21	14	11	12	7	1		1	1	129	147	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis																												
61. Meningitis, simple	19	7	3	1	2		13				2			1		1	2									10	9	
61a. Meningitis, epidemic cerebrospinal	14	2	1	2	1		6	3		1	2	1		1												4	10	
62. Locomotor ataxia, progressive	2													1					1							2		
63. Other diseases of the spinal cord																												
64. Cerebral congestion and hemorrhage	45	1		1	1		3		1	1			2	2	2	3	1	6	8	5	4	4		2	1	22	23	
65. Cerebral softening																												
66. Paralysis, without cause assigned	3													1	1						1						3	
67. General paralysis	6													2					1	1	1	1				8	3	
68. Other forms of mental alienation	4								1		2													1		2	2	
69. Epilepsy	1															1											1	
70. Eclampsia (non-puerperal)	2	1					1				1															1	1	
71. Convulsions of children	3	3					3																			3		
72. Tetanus																												
73. Chorea	1																			1							1	
74. Hysteria																												
74b. Other affections of the nervous system	5		1				1				1		1	1	1					1						3	2	
75. Diseases of the eye and appendages																												
76. Diseases of the ear	1																				1					1		
Total of the nervous system, etc.,	108	14	5	4	4		27	3	1	3	6	1	5	6	5	6	3	6	9	10	5	6	1	2	1	51	55	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis	4							1							1	1	1										2	2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.		
	Total Mortality for April, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	5 years and under 6 years.	Total under 6 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78. Endocarditis, acute	5								1	1		1	1								1						5		
79. Organic diseases of the heart	75		1	2	1		4		3	2	1	1	1	3	2	2	13	6	2	6	8	6	4	3	2			41	
80. Angina pectoris	2													1							1								
81. Affections of the arteries (atheroma, aneurism, etc.)	16															1	1	2	2	2	3	4	1				12	4	
82. Embolism and thrombosis	1																			1							1		
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																													
84. Affections of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhages	3	2					2											1										3	
86. Other affections of the circulatory apparatus																													
Total of circulatory apparatus	106	2	1	2	1		6		5	3	1	2	2	3	2	4	14	8	10	8	11	10	7	7	3		61	45	
IV. Diseases of the Respiratory Apparatus.																													
87. Diseases of the nasal fossæ																													
88. Affections of the larynx	1	1					1																				1		
89. Affections of the thyroid body																													
90. Bronchitis, acute	22	12	3		1	16												1	1	3	1						8	14	
91. Bronchitis, chronic	5	1				1										1		2		1							3	2	
92. Broncho-pneumonia	33	14	8			23	1							4		1	1				1	1	1	1			15	18	
93. Pneumonia	120	20	10	6	3	1	40	5	2	2	4	1	5	7	7	7	7	6	6	5	6	2	1				80	40	
94. Pleurisy	2									1										1							1	1	
95. Pulmonary congestion and apoplexy . .																													
96. Gangrene of the lung																													
97. Asthma																													
98. Emphysema, pulmonary	1					1	1																				1		
99. Other diseases of the respiratory apparatus (phthisis excepted)																													
Total respiratory apparatus	184	48	21	6	3	3	81	6	3	2	4	1	5	11	7	9	8	7	9	8	10	8	3	2			109	75	
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa																													
101. Affections of the pharynx																													
102. Affections of the esophagus																													
103. Ulcer of the stomach	2	1				1						1															1	1	
104. Other affections of the stomach (cancer excepted)	9	2	1			3						1	1	1					3								5	4	
105. Diarrhœa and enteritis (under two years)	9	7	2			9																					6	8	
105a. Diarrhœa and enteritis, chronic . . .	4			1		1	1										1						1				3	1	
106. Diarrhœa and enteritis (two years and over)	1			1		1																					1		
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions . . .	15	2				2	1					2	1	1	1	1	2	1	1		1					1	9	6	
109. Other affections of the intestines . .	1	1				1																						1	
110. Icterus, grave																													
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	5											1	1			1	1	1									5		
113. Biliary calculi	6															1	2	1	1	1							2	4	
114. Other affections of the liver	3																	1		1		1					1	2	
115. Affections of the spleen	1																1										1		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																								SEX.		
	Total Mortality for April, 1906.																								Males.	Females.	
V. Diseases of the Digestive Apparatus.—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	9							1	2	1	1	1	1					1	1							3	0
117. Other affections of the digestive apparatus (cancer and tubercle excepted),								1	4																	4	2
118. Appendicitis and abscess of the illac fossa	6																	1									
Total digestive apparatus	71	13	3	2		18	2	2	4	2	5	3	4	2	4	6	5	3	6	2	2			1	40	81	
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	48	1				1	1		1	3	1	5	3	5	1	5	8	2	4	3	4			1	29	19	
120. Bright's disease	25							1				1	2	1	2	2	3	3	1	3	3	1		2		12	13
121. Other diseases of the kidneys and their adnexa																											
122. Calculi of the urinary tract																											
123. Diseases of the bladder																											
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	2																		1	1					2	1	
126. Non-venercal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal	1											1													1		
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus	1										1														1		
131. Cysts and other tumors of the ovary	3										1		1	1											3		
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	80	1					1	1	1	1	3	4	7	5	8	4	8	11	3	7	7	6		2	1	43	37
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal																											
136. Other accidents of labor	4											3	1												4		
137. Septicemia, puerperal	2									1	1														2		
138. Albuminuria and puerperal eclampsia,	3											2	1												3		
139. Phlegmasia alba dolens, puerperal .																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	9											1	3	4	1										9		
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	3															1			1		1				3		
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	1	1				1																			1		
Total skin tissue	4	1				1										1			1		1				4		
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones (non-tuberculous)	3	3				3																			2	1	
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted,																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for April, 1906.	AGE.																				SEX.									
		Under 1 year. 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years. 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.																				Males.	Females.								
IX. Diseases of the Organs of Locomotion.—Concluded.																															
149. Other affections of the organs of locomotion																															
Total organs locomotion		3	3				3																				2				
X. Malformations.																															
150. Malformations, congenital (still-births excepted)		9	9				9																				7	2			
XI. Early Infancy.																															
151. Congenital debility, icterus and sclerema		77	77				77																				48	29			
152. Other diseases appertaining to infancy,		1	1				1																				1				
153. Lack of care																															
Total early infancy		78	78				78																				49	29			
XII. Old Age.																															
154. Senile debility		23																							1	5	7	3	7	7	16
XIII. Affections Produced by External Causes.																															
155. Suicide by poison																															
156. Suicide by asphyxia																															
157. Suicide by hanging or strangulation		1																								1			1		
158. Suicide by submersion																															
159. Suicide by firearms		1																1										1			
160. Suicide by cutting instruments																															
161. Suicide by jumping from high places																															
162. Suicide by crushing																															
163. Other suicides																															
164. Fractures		6									1	1		1			1	1	1									5	1		
165a. Luxations																															
166. Other accidental traumatisms		14	1			1	2	1	1				1	3	1				2	1		2						13	1		
167. Burns and scalds		9		1	1		2	2						1	1	1	1			1								2			
168. Burns by corrosive substances																															
169. Insolation																															
170. Freezing																															
171. Electrical disturbances																															
172. Accidental submersion		7	1				1					1			2		1		1									7			
173a. Inanition																															
174. Absorption of deleterious gases (suicide excepted)																															
175. Other acute poisonings		1												1															1		
176. Other external violence		3	2				2								1													2	1		
Total affections, etc.		42	4	1	1	1	7	3	1	1	2	1	6	4	3	2	3	3	3		2	1						31	11		
XIV. Ill-defined Diseases.																															
177. Dropsy																															
178. Sudden death																															
179. Non-specified or ill-defined causes of death		14	4	1			5				1	1	1	1		1	1		1	1			1					6	8		
Total ill-defined diseases		14	4	1			5				1	1	1	1		1	1		1	1			1					6	8		
Total from all causes,		1085	201	47	27	15	4	204	29	15	23	40	43	58	92	51	50	58	57	47	55	44	38	18	13	11		535	470		

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,684. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and play grounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF APRIL, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	APRIL, 1906.	APRIL, 1905.	APRIL, 1906.	APRIL, 1905.		APRIL, 1906.	APRIL, 1905.	APRIL, 1906.	APRIL, 1905.
Cholera	—	—	—	—	Measles	653	64	—	—
Chicken-pox	47	—	—	1	Scarlatina	695	120	—	—
Cerebro-spinal Meningitis . .	21	46	—	—	Smallpox	—	2	—	—
Diphtheria and Croup . . .	177	116	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	22	28	—	—
Tuberculosis	212	179	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,087	Cattle condemned, 13	6,069 lbs.
Calves "	1,966	Calves " —	— "
Sheep "	56	Sheep " —	— "
Hogs "	2,497	Hogs " 7	774 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	430
" "	" " Wagons	694
" "	" brought in by Citizens	20
" "	" for bacteriological examination	543
" "	Vinegar	180
" "	Butter and Cheese	55
Total Samples,		1,922

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 2,373 lbs.	3,865 lbs.	Miscellaneous, 80 bush.
" (tainted) — "		
Poultry " 200 "		
Mutton " 40 "		
Beef " 487 "		
Pork " 357 "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	113	Other examinations:* Positive	10
	Positive for release	106		Negative 29
	Negative for diagnosis	623		Unsatisfactory 3 42
	Negative for release	171		
TUBERCULOSIS:	"No growth" cultures	9 . 1,022	GLANDERS:	Positive 10
	Positive	79		Negative 15
	Negative	332		Unsatisfactory 0 25
	Unsatisfactory	0 . 411		Total 1,588
TYPHOID:	Positive	3		
	Negative	81		
	Unsatisfactory	4 . 88		

* Virulence, malaria, influenza, genito-urinary tuberculosis, gonorrhoeal ophthalmia, rabies, abscess, ear discharge, gonorrhoea, sepsis, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of April 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.82	35	46	N.W.	.00	Mean Barometer, 29.97.
2	30.19	34	54	N.	.00	Highest Barometer, 30.50 on the 9th.
3	30.38	36	46	N.	.00	Lowest Barometer, 29.44 on the 24th.
4	29.90	50	46	S.W.	*T	Monthly Range of Barometer, 1.06.
5	29.80	50	68	N.W.	*T	Mean Temperature, 47.2°
6	29.65	43	76	N.W.	.39	Highest Temperature, 70° on the 29th.
7	30.06	41	46	N.W.	.00	Lowest Temperature, 28° on the 1st.
8	30.32	39	69	E.	.00	Monthly Range of Temperature, 42°.
9	30.44	38	80	S.E.	.17	Greatest Daily Range of Temperature, 31° on the 4th.
10	29.92	42	88	S.E.	.89	Least Daily Range of Temperature, 6° on the 8th. & 23rd.
11	29.95	44	73	N.W.	.03	Mean Daily Range of Temperature, 13.2°.
12	30.10	46	70	N.W.	.00	Mean Daily Dew-point, 34.2.
13	30.34	45	60	S.E.	.00	Mean Daily Relative Humidity, 62.9.
14	30.24	48	74	S.	.00	Prevailing Direction of Wind, N.W.
15	29.96	56	62	S.W.	.43	Total Movement of Wind, 7,528 miles.
16	30.15	52	69	N.W.	.00	Highest Velocity of Wind and Direction, 41 — S.E. on the 10th.
17	30.22	48	46	N.	.00	Number of Foggy Days, 0. Number of Fair Days, 9.
18	30.24	53	48	E.	.00	Number of Clear Days, 10. Number of Cloudy Days, 11.
19	30.18	52	46	E.	.00	Total Number of Days on which Rain or Snow fell, 11.
20	29.94	54	58	S.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.74	52	82	E.	.02	Dates of Auroras, none. Date of Lunar Halos, 5th.
22	29.74	54	67	N.W.	.00	Date of Solar Halos, 22nd. Thunder Storms, none.
23	29.64	42	83	N.E.	.15	Dates of Frosts, —.
24	29.46	46	46	N.W.	.00	Mean Maximum Temperature, 54.8. Mean Minimum Temperature, 39.6
25	29.53	44	49	N.W.	.00	MEAN TEMPERATURE for this month is: Total Precipitation for this month in inches
26	29.68	48	61	N.W.	.00	1871 47 1871 3.79
27	29.68	56	57	S.W.	.00	1872 47 1872 1.81
28	29.90	52	58	N.W.	.00	1873 45 1873 3.83
29	30.14	57	48	W.	.00	1874 39 1874 7.97
30	29.98	58	88	W.	.17	1875 43 1875 4.92
31						1876 44 1876 3.61
TOTALS	—	—	—	—	2.15	1877 44 1877 4.19
MEANS	29.97	47.2	62.9	N.W.	.072	1878 48 1878 6.14
						1879 42 1879 6.58
						1880 46 1880 1.66
						1881 44 1881 2.85
						1882 43 1882 2.50
						1883 45 1883 2.83
						1884 44 1884 4.76
						1885 47 1885 3.30
						1886 49 1886 1.70
						1887 44 1887 2.62
						1888 43 1888 2.04
						1889 48 1889 3.07
						1890 46 1890 2.29
						1891 48 1891 1.71
						1892 48 1892 0.98
						1893 44 1893 3.13
						1894 47 1894 5.78
						1895 46 1895 3.63
						1896 47 1896 1.56
						1897 49 1897 3.17
						1898 44 1898 6.39
						1899 48 1899 1.29
						1900 49 1900 1.90
						1901 44 1901 7.43
						1902 48 1902 2.87
						1903 48 1903 4.43
						1904 45 1904 9.14
						1905 47 1905 2.14
						1906 47 1906 2.15

*T Indicates trace of precipitation.

Average mean temperature for 36 years, 45.3°

Average monthly precipitation for 56 years, 3.63 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of May, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M. D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of May, 1906	993
Population by Census, 1905, 595,380	Rate per 1,000 inhabitants, 20,01

Total number 993

SEX.

Males 519
Females 474

CONDITION.

Single 501
Married 284
Widowed 178
Divorced 3
Unknown 27

COLOR.

White 963
Black (Negro or mixed) 80
Indian —
Chinese —
Japanese —

Total deaths of children, { Under 1 year 197
 { Under 2 years 248
 { Under 5 years 297

Diarrhoeal diseases, { Under 1 year 5
 { Under 2 years 5
 { Under 5 years 6
 { All ages 8

NATIVITY.

United States 642
Ireland 188
England 26
Scotland 7
Germany 16
British America 69
Italy 15
Russia 21
Sweden 11
Other Countries 15
Unknown 33

PARENTAGE.

United States 242
Irish 270
English 25
Scotch 9
German 27
British American 67
Italian 48
Russian 37
Swedish 15
Other Countries 15
Mixed 125
One parent unknown 37
Unknown 76
Still-births during the month 61

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1901.	AGE.																								SEX.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

MONTHLY STATEMENT OF DEATHS.

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MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		AGE.																				SEX.						
		Total Mortality for May, 1906.																				Males.	Females.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78.	Endocarditis, acute	13						1	1	1	1	2		2					2	1						4	9	
79.	Organic diseases of the heart	50	1	1		1	3		5	1		2	6	3	4	9	6	6	13	11	9	2	10	1	1	45	4	
80.	Angina pectoris	3															1	1		1						3		
81.	Affections of the arteries (atheroma, aneurism, etc.)	12															3		1	2	4		1		1	4	8	
82.	Embolism and thrombosis	1		1			1																			1		
83.	Affections of the veins (varices, hemorroids, phlebitis, etc.)																											
84.	Affections of the lymphatic system (lymphangitis, etc.)	1		1			1																			1		
85.	Hemorrhages	4	3				8	1																		2	2	
86.	Other affections of the circulatory apparatus																											
	Total of circulatory apparatus	126	4	2	1		1	8	2	4	2	1	2	8	4	6	9	10	10	15	14	15	2	11	1	2	61	65
IV. Diseases of the Respiratory Apparatus.																												
87.	Diseases of the nasal fossae																											
88.	Affections of the larynx																											
89.	Affections of the thyroid body																											
90.	Bronchitis, acute	22	12	2	1		15													2	1	2	1	1		14	8	
91.	Bronchitis, chronic	8																	1	1		1				2	1	
92.	Broncho-pneumonia	25	9	7	2	1	2	21	1								1	1					1			10	15*	
93.	Pneumonia	114	24	12	5	2	1	44	5		2	2	1	5	6	8	4	7	6	8	3	4	5	4			59	55
94.	Pleurisy	4	1				1					1	1										1			3	1	
95.	Pulmonary congestion and apoplexy	1																	1								1	
96.	Gangrene of the lung																											
97.	Asthma																											
98.	Emphysema, pulmonary																											
99.	Other diseases of the respiratory apparatus (phthisis excepted)	1													1												1	
	Total respiratory apparatus	170	46	21	8	3	3	81	6		2	2	2	5	7	9	4	8	8	9	6	5	8	7	1		88	82
V. Diseases of the Digestive Apparatus.																												
100.	Affections of the mouth and its adnexa																											
101.	Affections of the pharynx																											
102.	Affections of the esophagus																											
103.	Ulcer of the stomach																											
104.	Other affections of the stomach (cancer excepted)	4		1			1				1				1						1					2	2	
105.	Diarrhea and enteritis (under two years)	5	5				5																			4	1	
105a.	Diarrhea and enteritis, chronic	3		1			1				1	1															3	
106.	Diarrhea and enteritis (two years and over)																											
107.	Parasites, intestinal	1			1		1																				1	
108.	Hernia, intestinal obstructions	8	2				2									2			2	1			1			2	6	
109.	Other affections of the intestines																											
110.	Icterus, grave																											
111.	Hydatid tumors of the liver																											
112.	Cirrhosis of the liver	6										1			1	1	1	2								4	2	
113.	Biliary calculi	5	1				1									2		2								3	9	
114.	Other affections of the liver	2		1			1															1				1	1	
115.	Affections of the spleen	1										1															1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH

V. Diseases of the Digestive Apparatus.

116.	Peritonitis, simple (puerperal excepted),	
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),	
118.	Appendicitis and abscess of the illac	
	1088a	
	Total digestive apparatus	

VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.

119. Nephritis, acute
120. Bright's disease
121. Other diseases of the kidneys and their adnexa
122. Calculi of the urinary tract
123. Diseases of the bladder
124. Diseases of the urethra, urinary abscesses, etc.
125. Diseases of the prostate
126. Non-venereal diseases of the male genital organs
127. Metritis
128. Hemorrhage, uterine, non-puerperal
129. Tumor, uterine, non-cancerous
130. Other diseases of the uterus
131. Cysts and other tumors of the ovary
132. Other diseases of the female genital tract
133. Diseases of the breast, non-puerperal (cancer excepted)

Total of genito-urinary

VII. Puerperal State.

134. Accidents of pregnancy
135. Hemorrhage, puerperal
136. Other accidents of labor
137. Septicemia, puerperal
138. Albuminuria and puerperal eclampsia,
139. Phlegmasia alba dolens, puerperal
140. Other puerperal accidents—sudden death
141. Puerperal diseases of the breast

Total puerperal

VIII. Diseases of the Skin and Cellular Tissue.

142.	Gangrene	
143.	Furuncle (carbuncle)	
144.	Phlegmon, warm abscess	
145d.	Other diseases of the skin and its adnexa	
	Total skin tissue	

IX. Diseases of the Organs of Locomotion.

146. Affections of the bones (non-tuberculous)

147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted)

148. Amputation

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for May, 1906.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years.	5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.	Males.	Females.																							
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		6	1	1			2	1		1		1		1													3	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)		9	9				9																				7	2
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		86	86				86																				52	34
152. Other diseases appertaining to infancy,																												
153. Lack of care																												
Total early infancy		86	86				86																				52	34
XII. Old Age.																												
154. Senile debility		20																	2	4	4	5		4	1		12	8
XIII. Affections Produced by External Causes.																												
155. Suicide by poison		2								2																	1	1
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation		1													1												1	
158. Suicide by submersion																												
159. Suicide by firearms		3								1		1					1										3	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		5						2							1								1	1			2	3
165a. Luxations																												
166. Other accidental traumatisms		26	1				1	2	2	2	2	3	2	5			2		2			1		2			23	3
167. Burns and scalds		10	1	2	1	1	5	1							1	1	1		1								1	9
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances		1													1												1	
172. Accidental submersion		14		2	1		3	1		4					1		2	1	1		1						10	4
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)		1											1														1	
175. Other acute poisonings		1																		1							1	
176. Other external violence		1													1													1
Total affections, etc.		65	2	4	2	1	9	6	2	2	9	4	3	9	3	3	4	2	2	2	1	1	3				44	21
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death		5	1	1	1		3											1				1					2	3
Total ill-defined diseases		5	1	1	1		3											1				1					2	3
Total from all causes,		903	197	51	27	13	9	297	28	14	20	41	43	45	52	50	44	62	51	60	51	51	42	32	7	3	519	474

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,695. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and play grounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF MAY, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	MAY, 1906.	MAY, 1905.	MAY, 1906.	MAY, 1905.		MAY, 1906.	MAY, 1905.	MAY, 1906.	MAY, 1905.
Cholera	—	—	—	—	Measles	350	99	—	—
Chicken-pox	46	14	—	—	Scarlatina	132	122	—	—
Cerebro-spinal Meningitis	12	39	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	167	118	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	44	45	—	—
Tuberculosis	207	157	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,223	Cattle condemned, 12	5,592 lbs.
Calves "	2,307	Calves "	— " "
Sheep "	37	Sheep "	— " "
Hogs "	2,693	Hogs "	4 598 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	549
" "	" " Wagons	698
" "	" brought in by Citizens	19
" "	" for bacteriological examination	263
" "	Vinegar	76
" "	Butter and Cheese	64
Total Samples,		1,689

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 1,121 lbs.	35 lbs.	Fruit, 46 bush.
" (tainted) 589 "		
Poultry " 946 "		
Mutton " — " "		
Beef " — " "		
Pork " — " "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	93	Other examinations:* Positive	11
	Positive for release	79	Negative	23
	Negative for diagnosis	471	Unsatisfactory	3 87
	Negative for release	156	GLANDERS:	Positive 7
	"No growth" cultures	17 . 816		Negative 14
TUBERCULOSIS:	Positive	79		Unsatisfactory 1 22
	Negative	290		Total 1,843
	Unsatisfactory	0 . 369		
TYPHOID:	Positive	7		
	Negative	88		
	Unsatisfactory	4 . 99		

* Rabies, malaria, gonorrhoea, virulence, genito-urinary tuberculosis, gonorrhoeal ophthalmia, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of May 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

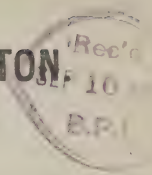
DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.94	60	51	N.W.	.60	Mean Barometer, 29.96.
2	29.81	58	70	S.W.	.13	Highest Barometer, 30.53 on the 15th.
3	29.56	59	65	N.W.	.60	Lowest Barometer, 29.40 on the 3rd.
4	29.83	54	71	S.W.	.00	Monthly Range of Barometer, 1.13.
5	29.72	62	78	S.W.	.09	Mean Temperature, 58.0°
6	29.82	54	91	E.	.22	Highest Temperature, 86° on the 19th.
7	29.90	55	92	N.W.	.44	Lowest Temperature, 38° on the 11th.
8	30.15	64	48	W.	.00	Monthly Range of Temperature, 18.1°
9	30.04	56	79	S.	.15	Greatest Daily Range of Temperature, 31° on the 26th.
10	29.90	49	58	W.	.00	Least Daily Range of Temperature, 3° on the 28th.
11	30.18	48	44	W.	.00	Mean Daily Range of Temperature, 17.8°.
12	30.14	56	58	S.W.	.00	Mean Daily Dew-point, 45.3.
13	29.99	73	62	S.W.	.03	Mean Daily Relative Humidity, 66.8.
14	30.30	56	62	E.	.01	Prevailing Direction of Wind, S.W.
15	30.44	56	50	E.-S.W.	.00	Total Movement of Wind, 7,576 miles.
16	30.14	64	66	S.W.	.00	Highest Velocity of Wind and Direction, 37—S. on the 9th.
17	30.05	57	80	E.	*T	Number of Foggy Days, 2. Number of Fair Days, 11.
18	29.79	68	66	S.W.	.00	Number of Clear Days, 13. Number of Cloudy Days, 7.
19	29.64	74	48	W.	.00	Total Number of Days on which Rain or Snow fell, 12.
20	29.94	56	46	N.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	30.27	50	49	N.-S.E.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	30.33	58	58	S.W.	.00	Dates of Solar Halos, none. Thunder Storms, 4.
23	30.18	65	61	S.W.	.00	Dates of Frosts, —.
24	30.08	58	82	N.	.17	Mean Maximum Temperature, 67.1 Mean Minimum Temperature, 49.0
25	29.95	55	92	E.	.12	MEAN TEMPERATURE for this month in inches.
26	29.82	66	84	S.W.	.00	1871 58 1871 4.84
27	29.74	60	93	S.W.	.73	1872 59 1872 3.29
28	29.72	46	96	N.E.	2.39	1873 57 1873 5.16
29	29.85	52	76	N.	.44	1874 55 1874 3.71
30	30.02	56	52	N.W.	.00	1875 58 1875 3.76
31	29.98	64	60	S.W.	.00	1876 55 1876 2.70
TOTALS.....	—	—	—	—	4.91	1877 56 1877 3.38
MEANS.....	29.96	58.00	66.8	S.W.	.158	1878 56 1878 1.03
						1879 60 1879 0.97
						1880 64 1880 1.63
						1881 57 1881 4.16
						1882 51 1882 6.05
						1883 56 1883 5.11
						1884 55 1884 3.31
						1885 53 1885 4.26
						1886 57 1886 3.08
						1887 60 1887 1.67
						1888 53 1888 5.20
						1889 60 1889 4.15
						1890 57 1890 4.48
						1891 56 1891 1.56
						1892 56 1892 5.15
						1893 56 1893 5.23
						1894 58 1894 4.12
						1895 60 1895 2.71
						1896 60 1896 1.68
						1897 58 1897 4.00
						1898 56 1898 4.33
						1899 58 1899 0.81
						1900 55 1900 5.07
						1901 54 1901 6.31
						1902 58 1902 1.07
						1903 68 1903 0.32
						1904 61 1904 3.38
						1905 58 1905 1.47
						1906 58 1906 4.91

*T Indicates trace of precipitation.

Average mean temperature for 34 years, 58.0°

Average monthly precipitation for 34 years, 3.39 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON



Statement of Deaths for the month of June, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of June, 1906 799
Population estimated at 602,526 Rate per 1,000 inhabitants, 15.91

Total number 799

SEX.

Males 420
Females 379

CONDITION.

Single 386
Married 267
Widowed 127
Divorced 2
Unknown 15

COLOR.

White 775
Black (Negro or mixed) 22
Indian —
Chinese 2
Japanese —

Total deaths of children, { Under 1 year 152
Under 2 years 183
Under 5 years 210

Diarrhœal diseases, { Under 1 year 12
Under 2 years 14
Under 5 years 14
All ages 19

NATIVITY.

United States 485
Ireland 147
England 22
Scotland 4
Germany 13
British America 53
Italy 23
Russia 16
Sweden 3
Other Countries 15
Unknown 18

PARENTAGE.

United States 179
Irish 238
English 25
Scotch 6
German 12
British American 52
Italian 48
Russian 34
Swedish 4
Other Countries 23
Mixed 77
One parent unknown 40
Unknown 61
Still-births during the month 61

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																				SEX.					
		Total Mortality for June, 1906.																				Males.	Females.				
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
I. General Diseases.—Concluded.																											
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum	4																1	1	2						1	3
42.	Cancer and other malignant tumors of the genital organs of the female	6												1	2	1	1			1							6
43.	Cancer and other malignant tumors of the breast	3															1			1	1						
44.	Cancer and other malignant tumors of the skin	1																					1			1	
45.	Cancer and other malignant tumors of organs not specified	9								1		1				3	1	2	1							5	4
46.	Other tumors (tumors of the female genital organs excepted)	1																				1				1	
47.	Rheumatism, acute, articular	4										1	1							2						2	2
48.	Rheumatism, chronic, and gout.																										
49.	Scorbutus																										
50.	Diabetes	6								2		1					1		1	1						2	4
51.	Goltre, exophthalmic																										
52.	Addison's disease																										
53.	Leukemia	4													1	1			2							4	
54.	Anemia, chlorosis	4													2		1		1							1	3
55.	Other general diseases																										
56.	Alcoholism, acute and chronic	8													2	2	2	1		1						6	2
57.	Saturnism																										
58.	Other trade intoxications																										
59.	Other chronic poisonings																										
	Total general diseases	245	18	13	3	2	7	43	15	2	9	13	17	17	21	27	18	19	9	12	13	4	4	2		132	133
II. Diseases of the Nervous System and of the Organs of Sense.																											
60.	Encephalitis																										
61.	Meningitis, simple	16	5	2				7	4	1	1		1		2											8	8
61a.	Meningitis, epidemic cerebrospinal	6	1	2		1	4			1				1												5	1
62.	Locomotor ataxia, progressive	1																		1						1	
63.	Other diseases of the spinal cord	2											1						1							2	
64.	Cerebral congestion and hemorrhage	43						1			1	1	2		3	4	6	6	3	5	6	2	2	1	23	20	
65.	Cerebral softening	2														1		1								1	
66.	Paralysis, without cause assigned	8					1								1		2		1	1	1	1			3	5	
67.	General paralysis	6												2				1	2	1						5	1
68.	Other forms of mental alienation	2																			1		1			2	
69.	Epilepsy																										
70.	Eclampsia (non-puerperal)																										
71.	Convulsions of children	2	2																							2	
72.	Tetanus	1																		1						1	
73.	Chorea																										
74.	Hysteria																										
74b.	Other affections of the nervous system	4									1	1			1		1									3	2
75.	Diseases of the eye and appendages																										
76.	Diseases of the ear	1							1																	1	
	Total of the nervous system, etc.,	94	8	4		1	13	6	2	2	2	3	5	3	6	4	10	11	5	8	7	4	2	1		51	43
III. Diseases of the Circulatory Apparatus.																											
77.	Pericarditis	4										1			1	1			1							2	2

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																										SEX.	
	Total Mortality for Jan., 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total for 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																												
78. Endocarditis, acute	8												2				1	2	2			1				4	4	
79. Organic diseases of the heart	69						2		1	3	1	2	4	6	3		6	8	8	9	5	8	3		1		34	3
80. Angina pectoris																												
81. Affections of the arteries (atheroma, aneurism, etc.)	17									1		1		1	2	1	2	1	4	2	2					9	8	
82. Embollism and thrombosis																												
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	2	2				2																				2		
86. Other affections of the circulatory apparatus																												
Total of circulatory apparatus	100	2				2	2		1	8	2	3	7	6	6	9	11	12	11	9	11	5		1		51	40	
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx																												
89. Affections of the thyroid body																												
90. Bronchitis, acute	11	3			2		3											1				2	2	1		6	5	
91. Bronchitis, chronic	1																		1							1		
92. Broncho-pneumonia	14	7	2	2		11							1	1		1			1							5	9	
93. Pneumonia	55	5	6	3		14	1	2	2			1	1	2		2	1	3		4	1	1				17	18	
94. Pleurisy	2						1														1						2	
95. Pulmonary congestion and apoplexy	2												1	1												1	1	
96. Gangrene of the lung																												
97. Asthma	1																			1						1		
98. Emphysema, pulmonary	3			2	1	3																				3		
99. Other diseases of the respiratory apparatus (phthisis excepted)	2	1				1											1									2		
Total respiratory apparatus	71	16	8	7	3	34	1	2	1	2		1	3	3	1	2	3	3	2	5	4	3	1		36	33		
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach	1																	1								1		
104. Other affections of the stomach (cancer excepted)	4	1				1						1	1					1								2	2	
105. Diarrhœa and enteritis (under two years)	14	12	2			14																				3	9	
105a. Diarrhœa and enteritis, chronic	2													1						1						2		
106. Diarrhœa and enteritis (two years and over)	2										1						1									2		
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	14	1				1		2			1		1			2	5		2							7	7	
109. Other affections of the intestines	1	1				1																				1		
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	4												1		3											4		
113. Biliary calculi	3												1					1	1							2	1	
114. Other affections of the liver	3					1						1		1													3	
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	Total Mortality for June, 1906.	AGE.																				SEX.				
		Under 1 year, 1 year and under 2 years, 2 years and under 3 years, 3 years and under 4 years, 4 years and under 5 years, Total under 5 years, 5 years and under 10 years, 10 years and under 15 years, 15 years and under 20 years, 20 years and under 25 years, 25 years and under 30 years, 30 years and under 35 years, 35 years and under 40 years, 40 years and under 45 years, 45 years and under 50 years, 50 years and under 55 years, 55 years and under 60 years, 60 years and under 65 years, 65 years and under 70 years, 70 years and under 75 years, 75 years and under 80 years, 80 years and under 85 years, 85 years and under 90 years, 90 years and over.	Males.	Females.																						
V. Diseases of the Digestive Apparatus. —Concluded.																										
116. Peritonitis, simple (puerperal excepted),	4							1							1	1	1									1
117. Other affections of the digestive apparatus (cancer and tubercle excepted),																										
118. Appendicitis and abscess of the iliac fossa	9							1	1		1	2		1	1	1			1							4 5
Total digestive apparatus . . .	13	14	5					17	3	1	2	1	2	2	3	5	4	4	3	7	3	3	1			31 30
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																										
119. Nephritis, acute	35										1	2		2	4	2	6	4	3	3	2	2	3		1	18 17
120. Bright's disease	3																1		1		1					3
121. Other diseases of the kidneys and their adnexa																										
122. Calculi of the urinary tract																										
123. Diseases of the bladder	1																				1					1
124. Diseases of the urethra, urinary abscess, etc.	1																1									1
125. Diseases of the prostate	2																			1	1					2
126. Non-venereal diseases of the male genital organs																										
127. Metritis																										
128. Hemorrhage, uterine, non-puerperal																										
129. Tumor, uterine, non-cancerous	1																1									1
130. Other diseases of the uterus	1																			1						1
131. Cysts and other tumors of the ovary	1										1															1
132. Other diseases of the female genital organs																										
133. Diseases of the breast, non-puerperal (cancer excepted)																										
Total genito-urinary	45										2	2		2	4	2	9	4	4	5	5	2	3		1	25 20
VII. Puerperal State.																										
134. Accidents of pregnancy																										
135. Hemorrhage, puerperal	1										1															1
136. Other accidents of labor	1										1															1
137. Septicæmia, puerperal	4										1	1	1		1											4
138. Albuminuria and puerperal eclampsia,	4										1	1	1		1											4
139. Phlegmasia alba dolens, puerperal																										
140. Other puerperal accidents—sudden death																										
141. Puerperal diseases of the breast																										
Total puerperal	10										2	3	2	1	1	1										10
VIII. Diseases of the Skin and Cellular Tissue.																										
142. Gangrene	2														1		1									2
143. Furuncle (carbuncle)																										
144. Phlegmon, warm abscess																										
145d. Other diseases of the skin and its adnexa	2														1		1									1 1
Total skin tissue	4														1	1	1	1								3 1
IX. Diseases of the Organs of Locomotion.																										
146. Affections of the bones (non-tuberculous)	1																1									1
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																										
148. Amputation																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for June, 1906.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	1																1										1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	7	7					7																				5	2
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	79	79					79																				45	34
152. Other diseases appertaining to infancy,	4	4					4																				3	1
153. Lack of care																												
Total early infancy	83	83					83																				48	35
XII. Old Age.																												
154. Senile debility	6																				2	1	1			2	1	5
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	4									1		2				1											2	2
156. Suicide by asphyxia	1															1											1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion																												
159. Suicide by firearms																												
160. Suicide by cutting instruments	2													1	1												2	
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	1													1													1	
165a. Luxations																												
166. Other accidental traumatism	33		1	1	1		3	4	1		2	2	1	4	3	1	4	1	2	3	1			1		26	7	
167. Burns and scalds	7				1		1	1	1	1				1		1				1						1	6	
168. Burns by corrosive substances																												
169. Insolation	4	1					1		1						1			1								2	2	
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	8											1			1		1									3		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	3	2					2															1				1	2	
176. Other external violence	7	1	1				2				1	1		1		1	1									3	4	
Total affections, etc.	85	4	2	1	2		9	5	3	2	3	4	3	8	6	5	6	2	2	4	1	1		1		42	23	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	7	1				1	2			1				1		1	1		1							4	3	
Total ill-defined diseases	7	1				1	2			1				1		1	1		1							4	3	
Total from all causes	799	152	81	11	7	9	210	32	10	18	26	32	30	50	56	46	55	41	52	44	34	32	19	6	6	420	379	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,704. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JUNE, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JUNE, 1906.	JUNE, 1905.	JUNE, 1906.	JUNE, 1905.		JUNE, 1906.	JUNE, 1905.	JUNE, 1906.	JUNE, 1905.
Cholera	—	—	—	—	Measles	247	125	—	2
Chicken-pox	33	29	—	—	Scarlatina	114	84	—	—
Cerebro-spinal Meningitis . .	10	27	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	180	100	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	43	56	—	—
Tuberculosis	181	186	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,047	Cattle condemned, 22	\$,837 lbs.
Calves "	2,225	Calves "	— "
Sheep "	11	Sheep "	— "
Hogs "	2,075	Hogs "	8 1,232 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	461
" "	" " Wagons	618
" "	" brought in by Citizens	17
" "	" for bacteriological examination, 283	
" "	Vinegar	87
" "	Butter and Cheese	11
Total Samples,		1,477

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.	
Veal (immature)	242 lbs.		Miscellaneous	2 bush.
" (tainted)	79 "		Fruit	2 "
Poultry	917 "			
Mutton	18 "			
Beef	135 "			
Pork	247 "			
Bear meat	25 "			
Eggs	4 doz.			

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	103	GLANDERS:	Positive	6
	Positive for release	67		Negative	7
	Negative for diagnosis	375		Unsatisfactory	5 18
	Negative for release	206	Other examinations:* Positive	4	
	"No growth" cultures	15 766		Negative	45
TUBERCULOSIS:	Positive	89		Unsatisfactory	1 50
	Negative	261		Total	1,279
	Unsatisfactory	0 350			
TYPHOID:	Positive	4			
	Negative	89			
	Unsatisfactory	2 95			

* Malaria, ophthalmia, rabies, genito-urinary tuberculosis, gonorrhoea, ice cream poisoning, pneumococci, influenza, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of June, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.87	70	67	S.W.	.00	Mean Barometer, 29.94.
2	29.88	70	72	E.	.14	Highest Barometer, 30.35 on the 13th.
3	30.02	69	66	N.W.	.00	Lowest Barometer, 29.63 on the 10th.
4	30.14	70	70	S.W.	.00	Monthly Range of Barometer, 72.
5	29.93	72	67	S.W.	T	Mean Temperature, 66°
6	29.70	71	92	S.W.	.05	Highest Temperature, 88° on the 10th.
7	29.98	55	94	N.E.	.02	Lowest Temperature, 46° on the 12th.
8	30.07	57	90	S.	.02	Monthly Range of Temperature, 42°
9	29.88	74	79	S.W.	.06	Greatest Daily Range of Temperature, 27° on the 9th.
10	29.63	77	96	S.W.	.07	Least Daily Range of Temperature, 6° on the 7th.
11	30.03	60	98	N.W.	.00	Mean Daily Range of Temperature, 17.6°.
12	30.21	58	83	N.W.	.00	Mean Daily Dew-point, 56.8.
13	29.91	64	67	N.W.	.00	Mean Daily Relative Humidity, 74.0.
14	30.02	70	82	W.	.00	Prevailing Direction of Wind, S.W.
15	29.99	66	78	E.	.00	Total Movement of Wind, 6,521 miles.
16	30.02	62	82	E.	.13	Highest Velocity of Wind and Direction, 40—N.W. on the 10th.
17	29.96	62	96	E.	1.01	Number of Foggy Days, none. Number of Fair Days, 11.
18	30.04	57	98	N.	.02	Number of Clear Days, 9. Number of Cloudy Days, 10.
19	29.94	60	83	N.E.	.00	Total Number of Days on which Rain or Snow fell, 15.
20	29.97	61	67	E.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.94	68	82	E.	.00	Dates of Auroras, none. Dates of Lunar Halos, none.
22	29.75	74	78	S.W.	T	Dates of Solar Halos, none. Thunder Storms, 4.
23	29.88	63	82	N.E.	.08	Dates of Frosts, none.
24	29.96	58	90	E.-N.W.	.08	Mean Maximum Temperature, 75.3 Mean Minimum Temperature, 57.6
25	29.96	65	73	N.W.	.00	MEAN TEMPERATURE for this month in Total Precipitation for this Month in Inches.
26	30.00	66	70	N.W.	.00	1871 66 1871 5.55
27	29.92	74	64	W.	.00	1872 69 1872 4.84
28	29.98	74	66	W.	.00	1873 67 1873 0.54
29	29.77	77	70	S.W.	.05	1874 66 1874 3.94
30	29.79	68	78	N.E.	.84	1875 67 1875 7.25
31	—	—	—	—	—	1876 69 1876 1.72
TOTALS	—	—	—	—	2.57	1877 67 1877 3.21
MEANS	29.94	.66	.74	S.W.	.086	1878 63 1878 3.28
						1879 65 1879 6.24
						1880 69 1880 0.75
						1881 62 1881 7.79
						1882 67 1882 1.68
						1883 70 1883 2.67
						1884 67 1884 4.01
						1885 67 1885 3.70
						1886 63 1886 1.34
						1887 65 1887 1.98
						1888 67 1888 2.69
						1889 69 1889 2.77
						1890 64 1890 2.21
						1891 65 1891 3.06
						1892 70 1892 3.05
						1893 65 1893 3.20
						1894 69 1894 0.80
						1895 67 1895 1.72
						1896 66 1896 2.71
						1897 62 1897 4.46
						1898 66 1898 1.60
						1899 70 1899 2.56
						1900 69 1900 1.85
						1901 68 1901 1.31
						1902 64 1902 1.77
						1903 60 1903 7.19
						1904 64 1904 2.06
						1905 65 1905 5.23
						1906 66 1906 2.57

T indicates trace of precipitation.

Average mean temperature for 36 years, 66°

Average monthly precipitation for 36 years, 3.07 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of July, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of July, 1906	890
Population estimated at 602,526	Rate per 1,000 inhabitants, 17.73

Total number 890

SEX.

Males 481

Females 409

CONDITION.

Single 508

Married 230

Widowed 142

Divorced 1

Unknown 9

COLOR.

White 855

Black (Negro or mixed) * 35

Indian —

Chinese —

Japanese —

Total deaths of children,	{ Under 1 year	240
	{ Under 2 years	276
	{ Under 5 years	313

Diarrhæal diseases,	{ Under 1 year	84
	{ Under 2 years	97
	{ Under 5 years	99
	{ All ages	104

NATIVITY.

United States 598

Ireland 130

England 17

Scotland 5

Germany 13

British America 68

Italy 11

Russia 14

Sweden 3

Other Countries 13

Unknown 18

PARENTAGE.

United States 197

Irish 253

English 16

Scotch 11

German 17

British American 62

Italian 41

Russian 38

Swedish 5

Other Countries 39

Mixed 100

One parent unknown 45

Unknown 66

Still-births during the month 71

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1906.	AGE.																										SEX.	
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																													
1. Typhoid Fever	7									2	1	2	1	1													5	2	
2. Exanthematous typhus																													
3. Recurrent fever																													
4. Intermittent fever and malarial cachexia																													
4a. Malarial cachexia																													
5. Variola																													
6. Measles	2	1	1				2																				2		
7. Scarlatina	3							1	1		1																1	2	
8. Whooping cough	15	6	4	4			14	1																			8	7	
9. Diphtheria and croup																													
9a. Diphtheria	9			2	1	2	5	3	1																		6	3	
10. Grippe	2															1		1									2		
11. Miliary Fever																													
12. Asiatic Cholera																													
13. Cholera nostras	2																	1	1								2		
14. Dysentery	2	1					1																	1			1	1	
14a. Dysentery, epidemic																													
15. Pest (Plague; bubonic plague)																													
16. Yellow fever																													
17. Leprosy																													
18. Erysipelas	3	2					2								1												1	2	
19. Other epidemic affections																													
20. Purulent Infection and septicemia	8	1					1	1						2	1	2	1										3	5	
21. Glanders and farcy																													
22. Malignant pustule and charbon (anthrax)																													
23. Rabies																													
24. Actinomycosis, trichinosis, etc.																													
25. Pellagra																													
26. Tubercle of the larynx	1												1														1		
27. Tubercle of the lungs	94	1		1		1	3	1	3	10	11	17	15	11	6	6	5	1	3		1	1				59	35		
28. Tubercle of the meninges	13		3	1	3	1	8	3				1		1													7	6	
29. Tubercle, abdominal	1														1												1		
30. Pott's disease	1																				1						1		
31. Abscess, cold and by congestion																													
32. Tumors, white (white swellings)																													
33. Tubercle of other organs																													
34. Tubercle, generalized																													
35. Scrofula																													
36. Syphilis																													
3. Tertiary	1												1														1		
4. Hereditary	3	3					3																				3		
27. Bleorrhagia of the adult																													
28. Gonococcal Infections of the child																													
29. Cancer and other malignant tumors of the buccal cavity	2															1			1								2		
40. Cancer and other malignant tumors of the stomach and liver	17													1	1		4	2	3	3	1	1	1				7	10	

MONTHLY STATEMENT OF DEATHS.

	AGE.																										SEX.	
	Total Mortality for July, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.—Concluded.																												
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	8													1	1		1	1	1	2	1					2	6	
42. Cancer and other malignant tumors of the genital organs of the female . . .	7												1	1	2	1	1			1						4		
43. Cancer and other malignant tumors of the breast . . .	6												1	1	1			2		1								
44. Cancer and other malignant tumors of the skin . . .	1																			1						1		
45. Cancer and other malignant tumors of organs not specified . . .	4													1		1				1	1					4		
46. Other tumors (tumors of the female genital organs excepted) . . .																												
47. Rheumatism, acute, articular . . .	2							1		1																2		
48. Rheumatism, chronic, and gout. . .	4									1						1	1			1						1	3	
49. Scorbutus . . .																												
50. Diabetes . . .	7												1		2		1	1		1	1					4	3	
51. Goitre, exophthalmic . . .																												
52. Addison's disease . . .																												
53. Leukemia . . .	1															1										1		
54. Anemia, chlorosis . . .	4																2				1	1				1	3	
55. Other general diseases . . .																												
56. Alcoholism, acute and chronic . . .	10											1	1	2	2	2	2		2							4	6	
57. Saturnism . . .																												
58. Other trade intoxications . . .																												
59. Other chronic poisonings . . .																												
Total general diseases . . .	240	15	8	8	4	4	39	10	6	12	14	23	19	21	15	18	17	11	11	9	8	5	2			131	100	
II. Diseases of the Nervous System and of the Organs of Sense.																												
60. Encephalitis . . .	1														1											1		
61. Meningitis, simple . . .	12	4	3	2			9	1				1			1											8	4	
61a. Meningitis, epidemic cerebrospinal . . .	8	5	1	1			5	2		1																5	3	
62. Locomotor ataxia, progressive . . .	1																			1						1		
63. Other diseases of the spinal cord . . .	1															1										1		
64. Cerebral congestion and hemorrhage . . .	45	1					1			1			1	4	4	5	7	3	10	4	1	2	2			17	2	
65. Cerebral softening . . .	2																	1	1							2		
66. Paralysis, without cause assigned . . .	2																1									1	1	
67. General paralysis . . .	4									1				1					1	1	1					4		
68. Other forms of mental alienation . . .	2													1							1					2		
69. Epilepsy . . .	2							1		1																	2	
70. Eclampsia (non-puerperal) . . .																												
71. Convulsions of children . . .	1	1					1																			1		
72. Tetanus . . .	1		1				1																			1		
73. Chorea . . .																												
74. Hysteria . . .																												
74b. Other affections of the nervous system . . .	5						1			1		2		1												2	3	
75. Diseases of the eye and appendages . . .																												
76. Diseases of the ear . . .	1		1				1																			1		
Total of the nervous system, etc., . . .	88	9	6	3			18	5		1	1	3	3		3	7	5	6	7	5	12	7	1	2	2	45	43	
III. Diseases of the Circulatory Apparatus.																												
77. Pericarditis . . .	2											1						1								1	1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.

Total Mortality for
July, 1906.

	AGE.																		Males.	Females.			
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.			65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.

III. Diseases of the Circulatory Apparatus.—Concluded.

78. Endocarditis, acute	8						1		2	1	1	1						1	1					2	6	
79. Organic diseases of the heart	75	1				1		3	1	2	3	-	2	4	7	4	8	11	11	2	5	2	1	1	43	3
80. Angina pectoris																										
81. Affections of the arteries (atheroma, aneurism, etc.)	13											1		1	1		4		1	4		1			6	7
82. Embollam and thrombosis																										
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																										
84. Affections of the lymphatic system (lymphangitis, etc.)																										
85. Hemorrhages	4	4				4																			2	2
86. Other affections of the circulatory apparatus																							1			
Total of circulatory apparatus	102	5				5		3	2	2	4	9	3	5	9	6	9	15	11	3	10	3	2	1	54	48

IV. Diseases of the Respiratory Apparatus.

87. Diseases of the nasal fossæ																									
88. Affections of the larynx	2															1				1				1	1
89. Affections of the thyroid body																									
90. Bronchitis, acute	7	3	1			4												1			2			2	5
91. Bronchitis, chronic	5										1							1		1		1	1	1	4
92. Broncho-pneumonia	19	7	4	1	1	13							1	1		1		2	1					11	8
93. Pneumonia	39	11	3	1	1	16		2	1	1	2	2	5	1	1	1	3	3						16	23
94. Pleurisy	2															1	1								2
95. Pulmonary congestion and apoplexy																									
96. Gangrene of the lung																									
97. Asthma																									
98. Emphysema, pulmonary																									
99. Other diseases of the respiratory apparatus (phthisis excepted)																									
Total respiratory apparatus	74	21	8	2	1	1	33		2	1	1	3	2	6	4	2	2	5	5	3	2	2	1	31	41

V. Diseases of the Digestive Apparatus.

100. Affections of the mouth and its adnexa																									
101. Affections of the pharynx	1	1				1																		1	
102. Affections of the esophagus																									
103. Ulcer of the stomach																1	1		1	2				3	2
104. Other affections of the stomach (cancer excepted)	5																							3	2
105. Diarrhea and enteritis (under two years)	96	83	13			96																		48	48
105a. Diarrhea and enteritis, chronic	1											1												1	
106. Diarrhea and enteritis (two years and over)	3			2		2	1																	1	2
107. Parasites, intestinal																									
108. Hernia, intestinal obstructions	11		2			2	1					1	1	2	2	1		1						5	6
109. Other affections of the intestines	1											1												1	
110. Icterus, grave																									
111. Hydatid tumors of the liver																									
112. Cirrhosis of the liver	4														1	2	1							4	
113. Biliary calculi	1													1										1	
114. Other affections of the liver																									
115. Affections of the spleen																									

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for July, 1906.	AGE.																				SEX.						
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		1	1				1																				1	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)		8	8				8																				6	2
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		93	93				93																				57	36
152. Other diseases appertaining to infancy,		3	3				3																				1	2
153. Lack of care																												
Total early infancy		96	96				96																				58	38
XII. Old Age.																												
154. Senile debility		8																			1	2	3	2			4	4
XIII. Affections Produced by External Causes.																												
155. Suicide by poison		1										1															1	
156. Suicide by asphyxia		1											1														1	
157. Suicide by hanging or strangulation																												
158. Suicide by submersion		1													1												1	
159. Suicide by firearms		1										1															1	
160. Suicide by cutting instruments		1										1															1	
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		5		1			1					1		1							2						2	3
165a. Luxations																												
166. Other accidental traumatism		23		1		1	2	2		1		1	4	2	2	5	2	1	1								21	2
167. Burns and scalds		6		3	2	5												1									4	2
168. Burns by corrosive substances																												
169. Insolation		7										1	1	1	1			2	1								4	3
170. Freezing																												
171. Electrical disturbances		1										1															1	
172. Accidental submersion		9						1	2	2	2			1			1										9	
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings		2													2												2	
176. Other external violence		4	1				1	1			1	1															1	3
Total affections, etc.		62	1	5	2	1	9	4	2	1	4	7	7	4	7	6	2	3	3	1	2						49	13
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death		7	1	1		2	1					2	1		1												4	3
Total ill-defined diseases		7	1	1		2	1					2	1		1												4	3
Total from all causes,		890	240	36	24	7	6	313	22	14	21	33	41	45	42	42	57	42	39	49	38	33	33	12	10	4	481	409

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,716. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF JULY, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	JULY, 1906.	JULY, 1905.	JULY, 1906.	JULY, 1905.		JULY, 1906.	JULY, 1905.	JULY, 1906.	JULY, 1905.
Cholera	—	—	—	—	Measles	109	97	—	—
Chicken-pox	11	11	—	—	Scarlatina	67	39	—	—
Cerebro-spinal Meningitis . .	14	6	—	—	Smallpox	—	—	—	—
Diphtheria and Croup . . .	139	110	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	57	51	—	—
Tuberculosis	197	156	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,219	Cattle condemned, 12	4,572 lbs.
Calves "	1,417	Calves " —	" "
Sheep "	673	Sheep " —	" "
Hogs "	1,515	Hogs " 2	281 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination 'as to Statute requirements.

Samples examined	Milk from Stores	384
" " " " " " " " " " " "	" " Wagons	616
" " " " " " " " " " " "	" brought in by Citizens	18
" " " " " " " " " " " "	" for bacteriological examination, 227	
" " " " " " " " " " " "	Vinegar	72
" " " " " " " " " " " "	Butter and Cheese	8
Total Samples,		1,325

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	270 lbs.	265 lbs.		Miscellaneous .	72 bush.
" (tainted)	950 "			Fruit	— "
Poultry	478 "				
Mutton	— "				
Beef	78 "				
Pork	— "				
Bear meat	— "				
Eggs	— doz.				

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis . . .	75
	Positive for release . . .	78
	Negative for diagnosis . . .	221
	Negative for release . . .	165
	"No growth" cultures . . .	11 . 550
TUBERCULOSIS:	Positive	103
	Negative	215
	Unsatisfactory	— . 318
TYPHOID:	Positive	4
	Negative	90
	Unsatisfactory	5 . 99

GLANDERS:	Positive	4
	Negative	7
	Unsatisfactory	6 . 17
Other examinations:*	Positive	10
	Negative	36
	Unsatisfactory	1 . 47
Total		1,031

* Malaria, ophthalmia, rabies, genito-urinary tuberculosis, gonorrhoea, ice cream poisoning, pneumococci, influenza, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of July, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.88	62	80	N.E.	1.11	Mean Barometer, 29.88.
2	29.85	69	90	S.W.	.16	Highest Barometer, 30.48 on the 6th.
3	29.86	71	86	E.	.10	Lowest Barometer, 29.65 on the 30th.
4	29.81	72	85	S.W.	.52	Monthly Range of Barometer, .83
5	30.30	64	81	E.	.00	Mean Temperature, 70.1°
6	30.46	62	80	E.	.00	Highest Temperature, 89° on the 22nd.
7	30.29	61	82	E.	.21	Lowest Temperature, 55° on the 1st.
8	30.10	65	88	S.E.	.01	Monthly Range of Temperature, 44°
9	29.90	69	78	S.W.	T	Greatest Daily Range of Temperature, 22° on the 16th.
10	29.94	73	83	W.	1.12	Least Daily Range of Temperature, 8° on the 5th.
11	30.14	67	83	E.	.00	Mean Daily Range of Temperature, 13.1°.
12	30.18	66	86	E.	T	Mean Daily Dew-point, 63.2.
13	30.14	70	72	S.W.	.00	Mean Daily Relative Humidity, 80.8.
14	30.03	68	76	E.	.00	Prevailing Direction of Wind, S.W.
15	29.98	72	62	E.	.00	Total Movement of Wind, 5,967 miles.
16	29.92	72	72	S.W.	.11	Highest Velocity of Wind and Direction, 26 — S.W. on the 4th.
17	29.81	78	90	S.W.	.06	Number of Foggy Days, none.
18	29.98	78	63	W.	T	Number of Fair Days, 11.
19	30.16	73	56	E.	.00	Number of Clear Days, 5.
20	30.08	76	80	S.W.	.00	Number of Cloudy Days, 15.
21	29.86	74	80	S.W.	.96	Total Number of Days on which Rain or Snow fell, 14.
22	29.76	80	77	W.	.00	Depth of Unmelted Snow on ground at end of month, none.
23	29.78	78	84	S.W.	.13	Dates of Auroras, none.
24	29.92	72	86	S.W.	.17	Dates of Lunar Halos, 30°.
25	30.06	65	78	N.E.	T	Dates of Solar Halos, none.
26	30.07	63	86	N.E.	.05	Thunder Storms, 10, 17, 18, 21.
27	30.06	66	85	N.E.E.	T	Dates of Frosts, none.
28	30.00	68	82	E.&S.E.	T	Mean Maximum Temperature, 76.6
29	29.88	75	86	S.W.	.00	Mean Minimum Temperature, 63.6
30	29.68	76	86	S.W.	1.36	MEAN TEMPERATURE for this month in
31	29.96	72	82	E.	.00	Total Precipitation for this Month in Inches.
TOTALS.....	—	—	—	—	5.37	1871 71 1871 3.22
MEANS.....	29.993	70.1	80.8	S.W.	.173	1872 75 1872 4.00
						1873 73 1873 3.84
						1874 73 1874 3.47
						1875 71 1875 3.93
						1876 74 1876 5.86
						1877 70 1877 2.27
						1878 73 1878 4.58
						1879 70 1879 3.09
						1880 70 1880 6.86
						1881 68 1881 2.96
						1882 72 1882 3.91
						1883 71 1883 2.73
						1884 68 1884 4.25
						1885 71 1885 1.44
						1886 71 1886 1.81
						1887 73 1887 3.50
						1888 70 1888 1.79
						1889 69 1889 5.80
						1890 71 1890 1.98
						1891 69 1891 3.73
						1892 73 1892 2.96
						1893 71 1893 1.72
						1894 74 1894 2.09
						1895 69 1895 2.98
						1896 72 1896 2.90
						1897 72 1897 4.22
						1898 72 1898 4.42
						1899 73 1899 2.52
						1900 74 1900 2.69
						1901 73 1901 5.20
						1902 68 1902 2.88
						1903 71 1903 2.99
						1904 71 1904 1.23
						1905 73 1905 1.00
						1906 70 1906 5.37

T indicates trace of precipitation.

Average mean temperature for 36 years, 72°

Average monthly precipitation for 36 years, 3.36 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of August, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of August, 1906 1,014
Population estimated at 602,526 Rate per 1,000 inhabitants, 20.19

Total number	1,014
SEX.	
Males	538
Females	476
CONDITION.	
Single	601
Married	254
Widowed	142
Divorced	2
Unknown	15

COLOR.	
White	983
Black (Negro or mixed)	30
Indian	—
Chinese	1
Japanese	—

Total deaths of children,	Under 1 year	357
	Under 2 years	405
	Under 5 years	436

Diarrhœal diseases,	Under 1 year	169
	Under 2 years	198
	Under 5 years	204
	All ages	284

NATIVITY.	
United States	709
Ireland	153
England	14
Scotland	11
Germany	18
British America	45
Italy	19
Russia	11
Sweden	1
Other Countries	17
Unknown	16

PARENTAGE.	
United States	220
Irish	264
English	20
Scotch	14
German	24
British American	67
Italian	49
Russian	39
Swedish	5
Other Countries	70
Mixed	109
One parent unknown	62
Unknown	71
Still-births during the month	54

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1900.										AGE.																SEX.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.		
I. General Diseases.																												
1. Typhoid Fever	10							2	1	1		3		2				1								9	1	
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia																												
4a. Malarial cachexia																												
5. Variola																												
6. Measles				1		1																					1	
7. Scarlatina	3	1	1		1	3																				1	2	
8. Whooping cough	19	11	4	4		10																				10	9	
9. Diphtheria and croup																												
9a. Diphtheria	8	1				1	2	5	1																	4	4	
10. Grippe																												
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	2														1			1								2		
14. Dysentery	9	1	1			2									2		2			1	1	1				4	5	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	1											1														1		
19. Other epidemic affections																												
20. Purulent infection and septicemia	5	1				1							2				1			1						2	3	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc.																												
25. Pellagra																												
26. Tubercle of the larynx																												
27. Tubercle of the lungs	84	3	1	1		5		1	9	6	16	12	12	11	5	3	2	1	1							49	35	
28. Tubercle of the meninges	6	3			1	4	2																			2	4	
29. Tubercle, abdominal	2					1		1																		1	1	
30. Pott's disease																												
31. Abscess, cold and by congestion																												
32. Tumors, white (white swellings)																												
33. Tubercle of other organs	1							1																		1		
34. Tubercle, generalized	3					1			1								1									2	1	
35. Scrofula																												
36. Syphilis																												
3. Tertiary	3								1	1							1									3		
4. Hereditary	4	4				4																				2	2	
37. Bleeding of the adult																												
38. Gonococcal infections of the child	1	1				1																				1		
39. Cancer and other malignant tumors of the buccal cavity	2														1	1										2		
40. Cancer and other malignant tumors of the stomach and liver	19	1				1								1		4	3	3	1	1	3	1	1			5	14	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.		AGE.																										SEX.	
		Total Mortality for August, 1906.																										Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
I. General Diseases.—Concluded.																													
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum . . .	11													1	2		3	1	1	1	2					2	9	
42.	Cancer and other malignant tumors of the genital organs of the female . . .	9													2	3		1	1	1	1								
43.	Cancer and other malignant tumors of the breast . . .	6															1	1	3	1									
44.	Cancer and other malignant tumors of the skin . . .	1																			1						1		
45.	Cancer and other malignant tumors of organs not specified . . .	9						1	1					1			1	1	3		1						6	3	
46.	Other tumors (tumors of the female genital organs excepted) . . .	1							1																		1		
47.	Rheumatism, acute, articular . . .	1							1																		1		
48.	Rheumatism, chronic, and gout. . .	2						1													1						2		
49.	Scurbutus . . .	1	1				1																				1		
50.	Diabetes . . .	10									1	1		1			1	2	2	1	1						2	8	
51.	Gout, exophthalmic . . .	2				1		1								1											2		
52.	Addison's disease . . .																												
53.	Leukemia . . .																												
54.	Anemia, chlorosis . . .	6									1			1		2		2									1	5	
55.	Other general diseases . . .																												
56.	Alcoholism, acute and chronic . . .	6											2	2		2											4	2	
57.	Saturnism . . .																												
58.	Other trade intoxications . . .																												
59.	Other chronic poisonings . . .																												
	Total general diseases . . .	248	28	6	6	2	3	45	11	7	11	10	20	14	24	18	12	18	21	12	8	5	9	2	1		117	131	
II. Diseases of the Nervous System and of the Organs of Sense.																													
60.	Encephalitis . . .																												
61.	Meningitis, simple . . .	9	6					6	1							1	1										5	4	
61a.	Meningitis, epidemic cerebrospinal . . .	4	1					1	1				2														4		
62.	Locomotor ataxia, progressive . . .																												
63.	Other diseases of the spinal cord . . .	1																1									1		
64.	Cerebral congestion and hemorrhage . . .	35						1					3	1	2		8	3	3	2	9	1				20	15		
65.	Cerebral softening . . .																												
66.	Paralysis, without cause assigned . . .	8									1			2	1					1	1	1		1		6	2		
67.	General paralysis . . .	3										1	1		1												2	1	
68.	Other forms of mental alienation . . .	1																					1				1		
69.	Epilepsy . . .																												
70.	Eclampsia (non-puerperal) . . .																												
71.	Convulsions of children . . .	4	4					4																			2	2	
72.	Tetanus . . .	2						1							1												2		
73.	Chorea . . .																												
74.	Hysteria . . .																												
74b.	Other affections of the nervous system . . .	4	1					1	2										1								2	2	
75.	Diseases of the eye and appendages . . .	1	1					1																			1		
76.	Diseases of the ear . . .	1		1				1																			1		
	Total of the nervous system, etc., . . .	73	13	1				14	4	2		1	6		5	4	2	9	4	6	3	10	2	1			44	29	
III. Diseases of the Circulatory Apparatus.																													
77.	Pericarditis . . .	1													1												1		

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	AGE.																									SEX.	
	Total Mortality for August, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
III. Diseases of the Circulatory Apparatus. — Concluded.																											
78. Endocarditis, acute	7													2	2			2		1						2	5
79. Organic diseases of the heart	73	1					1	1	1	3	2	3	3	2	3	7	9	3	2	11	4	2	2	2		30	5
80. Angina pectoris		1																	1							1	
81. Affections of the arteries (atheroma, aneurism, etc.)	15													1	2		1	2	3	1	3	1	1			7	8
82. Embolism and thrombosis	1	1					1																			1	
83. Affections of the veins (varices, hemorrhoids, phlebitis, etc.)																											
84. Affections of the lymphatic system (lymphangitis, etc.)																											
85. Hemorrhages	2	1					1	1																		1	1
86. Other affections of the circulatory apparatus																											
Total of circulatory apparatus	100	3					3	2	1	3	2	3	3	11	8	7	10	5	13	13	8	3	3	2		51	49
IV. Diseases of the Respiratory Apparatus.																											
87. Diseases of the nasal fossae																											
88. Affections of the larynx																											
89. Affections of the thyroid body																											
90. Bronchitis, acute	8	3				1	4								1		1		1			1				2	6
91. Bronchitis, chronic	5																		1	1		1		2		2	3
92. Broncho-pneumonia	13	3	3	1	1		8	1			1			1	1	1										5	8
93. Pneumonia	26	5	3		1		9	1	1	1	1	4		1	1	2	3			1		1			14	11	
94. Pleurisy	3			2			2							1												3	
95. Pulmonary congestion and apoplexy																											
96. Gangrene of the lung																											
97. Asthma																											
98. Emphysema, pulmonary																											
99. Other diseases of the respiratory apparatus (phthisis excepted)	1																	1								1	
Total respiratory apparatus	56	11	6	1	4	1	23	2	1	1	1	5		2	2	4	4	2	1	2	1	1	2	2		27	29
V. Diseases of the Digestive Apparatus.																											
100. Affections of the mouth and its adnexa	1	1					1																				1
101. Affections of the pharynx	1							1																			1
102. Affections of the esophagus	1																	1								1	
103. Ulcer of the stomach	1																		1							1	
104. Other affections of the stomach (cancer excepted)	8	2	1		1		4				1			1		1		1								3	5
105. Diarrhea and enteritis (under two years)	196	167	29				196																			105	91
105a. Diarrhea and enteritis, chronic	16		2				2				1	1	1		2				1	2	4		2			5	11
106. Diarrhea and enteritis (two years and over)	11		2		2	4	2							1	2					1	1					3	8
107. Parasites, intestinal																		1		1	3					5	4
108. Hernia, intestinal obstructions	9	1	1	1	1		4																			1	3
109. Other affections of the intestines	4										1		1						1	1							
110. Icterus, grave																											
111. Hydatid tumors of the liver																											
112. Cirrhosis of the liver	6											1		1	3	1										4	2
113. Biliary calculi	3														1	1	1									1	2
114. Other affections of the liver	3													2			1									2	1
115. Affections of the spleen	2	1					1							1												1	1

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for August, 1906.		AGE.																				SEX.				
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,696. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF AUGUST, 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	AUG., 1906.	AUG., 1905.	AUG., 1906.	AUG., 1905.		AUG., 1906.	AUG., 1905.	AUG., 1906.	AUG., 1905.
Cholera	—	—	—	—	Measles	22	45	—	5
Chicken-pox	—	4	—	—	Scarlatina	52	29	—	—
Cerebro-spinal Meningitis	4	7	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	122	92	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	154	120	—	—
Tuberculosis	153	180	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,311	Cattle condemned, 16	9,139 lbs.
Calves "	1,360	Calves " —	"
Sheep "	41	Sheep " —	"
Hogs "	1,679	Hogs " 1	350 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	279
" "	" " Wagons	402
" "	" brought in by Citizens	4
" "	" for bacteriological examination, 438	
" "	Vinegar	53
" "	Butter and Cheese	13
Total Samples,		1,189

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.	
Veal (immature) 1,218 lbs.	18 lbs.	Miscellaneous	4 bush.	
" (tainted) 765 "		Fruit	— "	
Poultry " 525 "				
Mutton " — "				
Beef " 15 "				
Pork " — "				
Bear meat " — "				
Eggs " — doz.				

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	58
	Positive for release	47
	Negative for diagnosis	194
	Negative for release	104
TUBERCULOSIS:	"No growth" cultures	2 . 405
	Positive	70
	Negative	201
	Unsatisfactory	— . 271
TYPHOID:	Positive	41
	Negative	158
	Unsatisfactory	24 . 223

GLANDERS:	Positive	5
	Negative	11
	Unsatisfactory	7 . 23
Other examinations:*	Positive	7
	Negative	32
	Unsatisfactory	2 . 41
Total		963

* Malaria, ophthalmia, rabies, genito-urinary tuberculosis, gonorrhoea, ice cream poisoning, pneumococci, influenza, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of August, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.28	68	90	E.	.00	Mean Barometer, 30.02.
2	30.38	65	92	E.	T	Highest Barometer, 30.40 on the 2nd.
3	30.26	66	99	E.	T	Lowest Barometer, 29.70 on the 3rd.
4	30.06	71	95	E.	.54	Monthly Range of Barometer, .70
5	30.10	76	80	N.W.	.00	Mean Temperature, 72.0°
6	30.03	83	78	S.W.	T	Highest Temperature, 93° on the 6th.
7	30.00	77	76	E.	.00	Lowest Temperature, 57° on the 15th.
8	29.96	68	96	E.	.30	Monthly Range of Temperature, .38°
9	30.02	70	88	S.E.	.00	Greatest Daily Range of Temperature, 36° on the 23d.
10	29.98	68	89	E.	.06	Least Daily Range of Temperature, 5° on the 8th.
11	29.85	76	89	S.W.	T	Mean Daily Range of Temperature, 14.7°.
12	29.98	74	62	N.	T	Mean Daily Dew-point, 63.4.
13	30.08	63	69	N.	.00	Mean Daily Relative Humidity, 75.6.
14	29.80	72	59	W.	.00	Prevailing Direction of Wind, S.W.
15	29.88	66	48	N.W.	.00	Total Movement of Wind, 6,000 miles.
16	30.04	69	59	S.W.	.00	Highest Velocity of Wind and Direction, 23 — S.W. on the 27th.
17	30.17	70	60	E.	.00	Number of Foggy Days, 7. Number of Fair Days, 9.
18	30.18	79	62	W.&S.W.	.00	Number of Clear Days, 11. Number of Cloudy Days, 11.
19	30.15	80	72	W.&S.W.	.00	Total Number of Days on which Rain or Snow fell, 7.
20	30.06	80	78	S.W.	.00	Depth of Unmelted Snow on ground at end of month, none.
21	29.93	78	88	S.W.	.15	Dates of Auroras, none. Dates of Lunar Halos, 29°.
22	29.90	80	85	S.W.	.00	Dates of Solar Halos, none. Thunder Storms, 4, 6, 21, 42, 23, 27.
23	29.80	77	78	S.W.	.10	Dates of Frosts, none. Mean Maximum Temperature, 79.4 Mean Minimum Temperature, 64.7
24	30.16	64	75	N.E.	.03	MEAN TEMPERATURE for this month in
25	30.29	69	78	E.	.00	1871 72
26	30.08	70	76	S.E.	.00	1872 73
27	29.76	78	94	S.W.	.50	1873 70
28	29.93	73	80	N.W.	.00	1874 68
29	30.02	68	75	E.	.00	1875 71
30	29.88	74	84	S.W.	.00	1876 70
31	29.87	72	62	W.	T	1877 72
TOTALS	—	—	—	—	1.58	1878 70
MEANS	30.02	72.0	75.6	S.W.	.051	1879 69
						1880 71
						1881 71
						1882 72
						1883 68
						1884 70
						1885 68
						1886 68
						1887 68
						1888 70
						1889 67
						1890 69
						1891 70
						1892 70
						1893 70
						1894 68
						1895 71
						1896 71
						1897 70
						1898 73
						1899 69
						1900 71
						1901 71
						1902 68
						1903 65
						1904 69
						1905 69
						1906 72
						1871 3.08
						1872 10.68
						1873 6.21
						1874 6.67
						1875 3.50
						1876 1.23
						1877 4.49
						1878 2.66
						1879 6.71
						1880 2.90
						1881 1.23
						1882 1.46
						1883 0.39
						1884 5.01
						1885 7.64
						1886 3.64
						1887 3.05
						1888 6.63
						1889 3.95
						1890 2.70
						1891 3.57
						1892 1.87
						1893 6.46
						1894 3.03
						1895 3.24
						1896 2.15
						1897 3.95
						1898 6.38
						1899 2.52
						1900 2.46
						1901 3.25
						1902 2.20
						1903 3.23
						1904 2.19
						1905 3.39
						1906 1.58

T indicates trace of precipitation.

Average mean temperature for 36 years, 70°

Average monthly precipitation for 36 years, 3.99 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of September, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of September, 1906 930
Population estimated at 602,526 Rate per 1,000 inhabitants, 18.52

Total number 930

SEX.

Males 509

Females 421

CONDITION.

Single 522

Married 235

Widowed 151

Divorced 4

Unknown 18

COLOR.

White 908

Black (Negro or mixed) 20

Indian —

Chinese 2

Japanese —

Total deaths of children, { Under 1 year 271
Under 2 years 325
Under 5 years 344

Diarrhœal diseases, { Under 1 year 89
Under 2 years 110
Under 5 years 114
All ages 126

NATIVITY.

United States 620

Ireland 147

England 14

Scotland 8

Germany 18

British America 46

Italy 14

Russia 12

Sweden 7

Other Countries 15

Unknown 29

PARENTAGE.

United States 234

Irish 268

English 9

Scotch 8

German 21

British American 47

Italian 54

Russian 36

Swedish 10

Other Countries 56

Mixed 70

One parent unknown 50

Unknown 67

Still-births during the month 49

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

Total Mortality for
September, 1906.

AGE.

SEX.

1. General Diseases.

1. Typhoid Fever	27							3	3	7	3	2	3	3	3	1	1							22	7
2. Exanthematous typhus																									
3. Recurrent fever																									
4. Intermittent fever and malarial cachexia																									
4a. Malarial cachexia																									
5. Variola																									
6. Measles																									
7. Scarlatina																									
8. Whooping cough	12	9	1	2		12																	5	7	
9. Diphtheria and croup																									
9a. Diphtheria	9	3	3			1	7	2															5	4	
10. Grippe																									
11. Miliary Fever																									
12. Asiatic Cholera																									
13. Cholera nostras	1	1				1																	1		
14. Dysentery	6	1				1							2		2		1						4	2	
14a. Dysentery, epidemic																									
15. Pest (Plague; bubonic plague)																									
16. Yellow fever																									
17. Leprosy																									
18. Erysipelas	1																1							1	
19. Other epidemic affections																									
20. Purulent infection and septicemia	6		1			1			1	1			1		1		1	1						6	
21. Glanders and farcy																									
22. Malignant pustule and charbon (anthrax)																									
23. Rabies																									
24. Actinomycosis, trichinosis, etc.																									
25. Pellagra																									
26. Tubercle of the larynx																									
27. Tubercle of the lungs	86	4	2			6	1	6	17	10	10	7	10	9	5	3	1		1				42	44	
28. Tubercle of the meninges	3	1	2			3																	2	1	
29. Tubercle, abdominal	3		1			1	1			1													3		
30. Pott's disease	1									1													1		
31. Abscess, cold and by congestion																									
32. Tumors, white (white swellings)																									
33. Tubercle of other organs																									
34. Tubercle, generalized	3		1			1						1	1											3	
35. Scrofula																									
36. Syphilis																									
3. Tertiary	3								1						1	1							2	1	
4. Hereditary	2	2				2																		2	
37. Hemorrhagia of the adult																									
38. Gonococcal infections of the child																									
39. Cancer and other malignant tumors of the buccal cavity														1								1	1	1	
40. Cancer and other malignant tumors of the stomach and liver	12																3	2	4		1	2		7	5

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1906.	AGE.																		SEX.							
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Continued.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	12	1				1											2	3	2	3	1					4	2
42. Cancer and other malignant tumors of the genital organs of the female	7								1					1		1	2		3								
43. Cancer and other malignant tumors of the breast	5													1	1	2		1									
44. Cancer and other malignant tumors of the skin	1																			1						1	
45. Cancer and other malignant tumors of organs not specified	8		1			1					1			1		2	1		2							3	5
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular																											
48. Rheumatism, chronic, and gout.	2																			1	1						2
49. Scorbutus	1	1				1																					1
50. Diabetes	6															3	2	1								3	3
51. Goitre, exophthalmic																											
52. Addison's disease	1																								1	1	
53. Leukemia	2						1			1																1	1
54. Anemia, chlorosis	5	1				1				1			2			1										3	2
55. Other general diseases	8									1	1	1	1		1	1	2									7	1
56. Alcoholism, acute and chronic																											
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings	1														1											1	
Total general diseases	238	23	13	3		1	39	5	3	9	26	18	16	12	15	22	14	15	15	11	11	3	2		2	119	119
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	11	5	1	2		8	1	1				1														9	2
61a. Meningitis, epidemic cerebrospinal	3	3				3																					3
62. Locomotor ataxia, progressive	3													1				1	1							3	
63. Other diseases of the spinal cord	2														1		1									1	1
64. Cerebral congestion and hemorrhage	43	1				1				1	1	3	3	1	1	5	3	5	7	4	3	2				29	14
65. Cerebral softening	2										1						1										
66. Paralysis, without cause assigned	2														1	1										1	1
67. General paralysis	4								2			1				1										3	1
68. Other forms of mental alienation	2															1				1						2	
69. Epilepsy	2															2										1	1
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	3	3				3																				1	2
72. Tetanus	1									1																1	
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	1														1											1	
75. Diseases of the eye and appendages																											
76. Diseases of the ear	1							1																		1	
Total of the nervous system, etc.,	80	12		1	2	15	1	1	3	1	2	3	5	2	3	3	8	6	7	8	5	3	2			36	37
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1									1																1	

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

		AGE.																				SEX.							
		Total Mortality for September, 1906.	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Apparatus.—Concluded.																													
78.	Endocarditis, acute		4	1				1		1						1					1						2	2	
79.	Organic diseases of the heart		80							2	1		1	4	3	5	3	6	6	14	8	10	10	2	2	1	51	39	
80.	Angina pectoris		2													1					1						2		
81.	Affections of the arteries (atheroma, aneurism, etc.)		13											1	1	1	2	1		2		1	2		2	7	6		
82.	Embolism and thrombosis		2													1				1							1	1	
83.	Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																												
84.	Affections of the lymphatic system (lymphangitis, etc.)																												
85.	Hemorrhages		2							1							1											2	
86.	Other affections of the circulatory appa- ratus																												
	Total of circulatory apparatus		104	1				1		4	1	1	1	4	4	7	9	8	7	13	12	10	11	4	2	3	64	40	
IV. Diseases of the Respiratory Apparatus.																													
87.	Diseases of the nasal fossæ																												
88.	Affections of the larynx																												
89.	Affections of the thyroid body																												
90.	Bronchitis, acute		11	4	2	1		7	1				1		1			1									5	6	
91.	Bronchitis, chronic		7	1				1										1	1		2	1	1				3	4	
92.	Broncho-pneumonia		11	6	1	2		9		1							1										7	4	
93.	Pneumonia		53	14	11	1	1	27		1		1	1	1	3	1	3	1	5	2	2	2	1	2			24	29	
94.	Pleurisy		6		1			1	2			2		1		1											5	1	
95.	Pulmonary congestion and apoplexy		2														1	1									1	1	
96.	Gangrene of the lung		1							1																		1	
97.	Asthma																												
98.	Emphysema, pulmonary																												
99.	Other diseases of the respiratory appar- atus (phthisis excepted)																												
	Total respiratory apparatus		91	25	10	3	2	1	46	1	2	1	2	2	2	4	3	6	2	5	4	3	3	1	2		45	46	
V. Diseases of the Digestive Apparatus.																													
100.	Affections of the mouth and its adnexa																												
101.	Affections of the pharynx																												
102.	Affections of the esophagus																												
103.	Ulcer of the stomach																												
104.	Other affections of the stomach (cancer excepted)		16	6	2			8					1	1		1		1		2		1		1			10	6	
105.	Diarrhœa and enteritis (under two years)		108	87	21			108																				52	56
105a.	Diarrhœa and enteritis, chronic		5														1				1	1	1		1		3	2	
106.	Diarrhœa and enteritis (two years and over)		6			1	2	1	4	1													1				3	3	
107.	Parasites, intestinal																												
108.	Hernia, intestinal obstructions		9	1				1	1		2						1		3	1							2	7	
109.	Other affections of the intestines		3		1			1								1		1									3		
110.	Icterus, grave																												
111.	Hydatid tumors of the liver																												
112.	Cirrhosis of the liver		6														1		2	2	1						5	1	
113.	Biliary calculi												1			1		1						1			2	2	
114.	Other affections of the liver		4																		1		1					2	
115.	Affections of the spleen		2													2												2	

3

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for September, 1906.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																								
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion	3	2					3							1													2	
X. Malformations.																												
150. Malformations, congenital (still-births excepted)	6	6					6																				4	2
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema	105	105					105																				59	46
152. Other diseases appertaining to infancy,																												
153. Lack of care																												
Total early infancy	105	105					105																				59	46
XII. Old Age.																												
154. Senile debility	21																			1	4	1	6	7	2	7	14	
XIII. Affections Produced by External Causes.																												
155. Suicide by poison	2												1		1												1	1
156. Suicide by asphyxia	3										2			1													2	1
157. Suicide by hanging or strangulation																												
158. Suicide by submerison																												
159. Suicide by firearms	4												2	1					1								3	1
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures	3													1			1	1									3	
165a. Luxations																												
166. Other accidental traumatisms	21						1			2	2	4	2	2	2	2	2	2	2	2							16	5
167. Burns and scalds	5			1		1	1								1	1	1										3	2
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion	6	1				1	2		1								1		1								5	1
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)																												
175. Other acute poisonings	1								1																			1
176. Other external violence	1													1														1
Total affections, etc.	46	1		1		2	4		4	2	2	7	6	3	4	5	1	4	2								35	11
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death	6	2				2						1		1		2											2	4
Total ill-defined diseases	6	2				2						1		1		2											2	4
Total from all causes,	991	271	54	8	8	8	344	14	12	16	39	32	37	36	41	50	45	46	52	45	46	30	19	16	7	599	421	

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,720. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF SEPT., 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	SEP., 1906.	SEP., 1905.	SEP., 1906.	SEP., 1905.		SEP., 1906.	SEP., 1905.	SEP., 1906.	SEP., 1905.
Cholera	—	—	—	—	Measles	8	41	—	—
Chicken-pox	4	3	—	—	Scarlatina	56	50	—	—
Cerebro-spinal Meningitis	5	2	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	120	76	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal	—	—	—	—	Typhoid fever	260	184	—	—
Tuberculosis	146	161	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,273	Cattle condemned, 14	5,840 lbs.
Calves "	1,150	Calves " —	— "
Sheep "	284	Sheep " —	— "
Hogs "	2,311	Hogs " 1	165 "

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	349
" "	" " Wagons	564
" "	" brought in by Citizens	18
" "	" for bacteriological examination, 353	
" "	Vinegar	87
" "	Butter and Cheese	1
Total Samples,		1,372

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.	FISH.	VEGETABLES.
Veal (immature) 35 lbs.	200 lbs.	Fruit . . . 6 bush.
" (tainted) 133 "	Oysters	
Poultry " 497 "	25 gal.	
Mutton " — "		
Beef " — "		
Pork " — "		

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	84	Other examinations:* Positive	12	
	Positive for release	43	Negative	46	
	Negative for diagnosis	254	Unsatisfactory	4 . . . 62	
	Negative for release	98	GLANDERS:	Positive	4
	"No growth" cultures	5 . . . 484		Negative	15
TUBERCULOSIS:	Positive	59		Unsatisfactory	2 . . . 21
	Negative	218		Total	1130
	Unsatisfactory	— . . . 277			
TYPHOID:	Positive	55			
	Negative	204			
	Unsatisfactory	27 . . . 286			

*Malaria, gonorrhoea, syphilis, aureus, genito-urinary, tuberculosis, rabies, paratyphoid, intestinal

* Malaria, gonorrhoea, syphilis, aureus, gentio-urinary, tuberculosis, rabies, paratyphoid, intestinal tuberculosis, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of September, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.11	71	50	W.	0	Mean Barometer, 30.09.
2	30.04	65	59	S.W.	0	Highest Barometer, 30.50 on the 16th.
3	29.62	72	76	S.W.	.09	Lowest Barometer, 29.57 on the 3rd.
4	30.01	60	54	N.W.	0	Monthly Range of Barometer, 93.
5	30.26	60	62	W.&S.W.	0	Mean Temperature, 65.0°
6	30.05	69	68	S.W.	0	Highest Temperature, 90° on the 18th.
7	29.84	74	64	W.	0	Lowest Temperature, 44° on the 25th.
8	29.92	64	74	S.E.	0	Monthly Range of Temperature, 46°
9	29.80	61	80	S.W.	0	Greatest Daily Range of Temperature, 23° on the 18th.
10	29.94	64	82	E.	0	Least Daily Range of Temperature, 5° on the 22nd.
11	30.14	68	74	S.	0	Mean Daily Range of Temperature, 16.9°.
12	30.10	71	90	S.W.	0	Mean Daily Dew-point, 54.8.
13	29.94	74	88	S.	10	Mean Daily Relative Humidity, 72.3.
14	30.04	67	60	N.	.02	Prevailing Direction of Wind, S.W.
15	30.40	56	66	N.E.	0	Total Movement of Wind, 6,731 miles.
16	30.48	54	81	N. & E.	0	Highest Velocity of Wind and Direction, 23—S.W. on the 3d.
17	30.24	64	80	S.W.	0	Number of Foggy Days, 1. Number of Fair Days, 5.
18	30.09	76	66	W.	0	Number of Clear Days, 19. Number of Cloudy Days, 6.
19	30.02	78	72	W.	0	Total Number of Days on which Rain or Snow fell, 8.
20	29.98	68	84	E.	17	Depth of Unmelted Snow on ground at end of month, none.
21	29.95	70	86	E.	.66	Dates of Auroras, none. Dates of Lunar Halos, 0.
22	30.10	62	92	E.	.68	Dates of Solar Halos, 23°. Thunder Storms, 14, 21.
23	29.85	70	77	W.	T	Dates of Frosts, none.
24	30.24	56	60	N.	0	Mean Maximum Temperature, 73.4 Mean Minimum Temperature, 56.6
25	30.48	52	58	N.W.	0	MEAN TEMPERATURE for this month in
26	30.38	60	70	S.W.	0	Total Precipitation for this Month in Inches:
27	30.21	64	80	S.W.	.09	1871 69
28	30.40	58	71	S.E. & N.W.	0	1872 64
29	30.22	61	80	S.	0	1873 63
30	30.01	59	83	N.W.	.83	1874 64
31						1875 61
TOTALS	—	—	—	—	2.64	1876 60
MEANS	30.09	65.0	72.3	S.W.	.088	1877 65
						1878 64
						1879 62
						1880 65
						1881 68
						1882 64
						1883 60
						1884 67
						1885 60
						1886 63
						1887 60
						1888 67
						1889 63
						1890 63
						1891 67
						1892 62
						1893 60
						1894 65
						1895 66
						1896 62
						1897 63
						1898 66
						1899 62
						1900 65
						1901 65
						1902 63
						1903 64
						1904 62
						1905 63
						1906 65

T indicates trace of precipitation. *Days with fog. Average mean temperature for 36 years, 63° Average monthly precipitation for 36 years, 3.15 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of October, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of October, 1906	906
Population estimated at 602,526	Rate per 1,000 inhabitants, 18.04

Total number		906	NATIVITY.	
SEX.			United States	580
Males	457		Ireland	152
Females	449		England	19
CONDITION.			Scotland	8
Single	450		Germany	14
Married	267		British America	57
Widowed	170		Italy	16
Divorced	4		Russia	18
Unknown	15		Sweden	8
COLOR.			Other Countries	18
White	888		Unknown	16
Black (Negro or mixed)	17		PARENTAGE.	
Indian	—		United States	213
Chinese	1		Irish	260
Japanese	—		English	21
Total deaths of children,			Scotch	12
Under 1 year	186		German	21
Under 2 years	220		British American	39
Under 5 years	247		Italian	35
Diarrhoeal diseases,			Russian	40
Under 1 year	33		Swedish	8
Under 2 years	37		Other Countries	57
Under 5 years	37		Mixed	68
All ages	52		One parent unknown	59
			Unknown	73
			Still-births during the month	62

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1906.	AGE.																								SEX.		
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
I. General Diseases.																												
1. Typhoid Fever	19								2	2	1	6	1	2	1		2	1	1								10	9
2. Exanthematous typhus																												
3. Recurrent fever																												
4. Intermittent fever and malarial cachexia	1																			1								1
4a. Malarial cachexia																												
5. Variola																												
6. Measles																												
7. Scarlatina	1									1																	1	
8. Whooping cough	5	1	3			1	5																				1	4
9. Diphtheria and croup	3					2	2	1																			2	1
9a. Diphtheria	6			1	2		3	1	1					1													2	4
10. Grippe	2																	1				1					2	
11. Miliary Fever																												
12. Asiatic Cholera																												
13. Cholera nostras	1																			1							1	
14. Dysentery	5									1				1	1				1		1					1	4	
14a. Dysentery, epidemic																												
15. Pest (Plague; bubonic plague)																												
16. Yellow fever																												
17. Leprosy																												
18. Erysipelas	1																1										1	
19. Other epidemic affections																												
20. Purulent infection and septicemia . .	2			1			1			1																	2	
21. Glanders and farcy																												
22. Malignant pustule and charbon (anthrax)																												
23. Rabies																												
24. Actinomycosis, trichinosis, etc. . . .																												
25. Pellagra																												
26. Tubercle of the larynx	2									1				1													2	
27. Tubercle of the lungs	78	2	1		1	4		1	4	9	9	12	10	9	3	4	4	5		4							41	37
28. Tubercle of the meninges	15	4	7	2		13	2																				4	11
29. Tubercle, abdominal	2						1									1											1	1
30. Pott's disease																												
31. Abscess, cold and by congestion . . .																												
32. Tumors, white (white swellings) . . .																												
33. Tubercle of other organs									1			1															2	
34. Tubercle, generalized																												
35. Scrofula																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.		AGE.																				SEX.					
		Total Mortality for October, 1906.																				Males.	Females.				
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.		
I. General Diseases. — Concluded.																											
41.	Cancer and other malignant tumors of the peritoneum, intestines, and rectum	15										1	3	1	3	2	1			1	2	1			4	11	
42.	Cancer and other malignant tumors of the genital organs of the female	6													2	1	2	1									
43.	Cancer and other malignant tumors of the breast	8											2		2	1				1	1	1					
44.	Cancer and other malignant tumors of the skin																										
45.	Cancer and other malignant tumors of organs not specified	12	1				1				1		3	1	1			1	4					10	2		
46.	Other tumors (tumors of the female genital organs excepted)	2													1			1						1	1		
47.	Rheumatism, acute, articular	4											1	2		1								2	2		
48.	Rheumatism, chronic, and gout.	6									1							3	1	1				2	4		
49.	Scorbutus	1	1				1																	1			
50.	Diabetes	11									1	1			1	2	1	2	2		1			3	8		
51.	Gout, exophthalmic																										
52.	Addison's disease	1													1										1		
53.	Leukemia																										
54.	Anemia, chlorosis	4												2		1				1				3	1		
55.	Other general diseases																										
56.	Alcoholism, acute and chronic	6											1	2	2	1								4	2		
57.	Saturism																										
58.	Other trade intoxications																										
59.	Other chronic poisonings																										
	Total general diseases	235	10	11	4	3	31	5	4	8	12	20	14	20	25	20	19	10	16	15	9	5	2		104	131	
II. Diseases of the Nervous System and of the Organs of Sense.																											
60.	Encephalitis	2	1				1												1					1	1		
61.	Meningitis, simple	13	4	2	1		7	2		1	1		1			1								6	7		
61a.	Meningitis, epidemic cerebrospinal	5	1	1			2	1		1						1								3	2		
62.	Locomotor ataxia, progressive.	2										1			1									1	1		
63.	Other diseases of the spinal cord																										
64.	Cerebral congestion and hemorrhage	42							1	4			1	1	3	3	9	5	2	9	4			12	30		
65.	Cerebral softening	1																	1								
66.	Paralysis, without cause assigned	4									1	1							1	1				2	2		
67.	General paralysis	1													1									1			
68.	Other forms of mental alienation	1																1						1			
69.	Epilepsy	5						1	1	2			1											4	1		
70.	Eclampsia (non-puerperal)																										
71.	Convulsions of children	2	2				2																	2			
72.	Tetanus																										
73.	Chorea																										
74.	Hysteria																										
74b.	Other affections of the nervous system	6						2			1	1		1					1					2	4		
75.	Diseases of the eye and appendages																										
76.	Diseases of the ear	1	1				1																	1			
	Total of the nervous system, etc.,	85	9	3	1		13	3	3	3	3	6	3	3	2	4	4	3	10	8	4	9	4		35	50	
III. Diseases of the Circulatory Apparatus.																											
77.	Pericarditis																										

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1906.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years.	5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																							
III. Diseases of the Circulatory Apparatus. — Concluded.																												
78. Endocarditis, acute	5					1	1						1			1		2							5			
79. Organic diseases of the heart	65	1					1	2		1	1	1	2	6	5	6	5	5	9	6	2	2	3	1	31	1		
80. Angina pectoris	4												1			1					1		1		3			
81. Affections of the arteries (atheroma, aneurism, etc.)	14												2		1	3	2	1	2	2				1		9	5	
82. Embollam and thromboas																												
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	2	2					2																				2	
86. Other affections of the circulatory appa- ratus																												
Total of circulatory apparatus	90	3					2	5		1		1	1	2	10	5	7	10	7	12	8	11	2	3	4	1	43	47
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossae																												
88. Affections of the larynx	5	1	2				3							1				1								3	2	
89. Affections of the thyroid body																												
90. Bronchitis, acute	15	5	1	1			7											1	1	1		2	1	2		7	8	
91. Bronchitis, chronic	4										1										2	1				2	2	
92. Broncho-pneumonia	24	12	2	2			16	1				1	1				2				1	1		1		12	12	
93. Pneumonia	62	12	5	2	1		20		2	2	2	2	3	1	2	2	4	5	3	6	2	4		2		26	36	
94. Pleurisy	2															2										2		
95. Pulmonary congestion and apoplexy	3										1	1									1					1	2	
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory appar- atus (phthisis excepted)	1																	1								1		
Total respiratory apparatus	116	30	10	5	1		46	1	2	2	4	4	4	4	2	2	4	6	8	4	7	6	8	1	5		54	62
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx	1							1																			1	
102. Affections of the esophagus																												
103. Ulcer of the stomach	3											1											2			1	2	
104. Other affections of the stomach (cancer excepted)	14	3	2				5					1		2		1		2	2		1					4	10	
105. Diarrhea and enteritis (under two years)	87	33	4				37																				21	16
105a. Diarrhea and enteritis, chronic	4											1			1					1			1			2	2	
106. Diarrhea and enteritis (two years and over)	5						2	1						1				1								3	2	
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	10	2					2	1		1		2				1			1	2						6	4	
109. Other affections of the intestines																												
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	12															1	2	6	1	1	1					11	1	
113. Biliary calculi	3															1		1	1								3	
114. Other affections of the liver	4											1		1							2						2	2
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH		AGE.																										SEX.	
		Total Mortality for October, 1906.																										Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
V. Diseases of the Digestive Apparatus. —Concluded.																													
116.	Peritonitis, simple (puerperal excepted),	8						1	1	4		1	1													4	4		
117.	Other affections of the digestive apparatus (cancer and tubercle excepted),																												
118.	Appendicitis and abscess of the iliac fossa	6	1				1	2	1			1				1										2	4		
	Total digestive apparatus	107	88	7			45	6	3	2	9	2	2	6	4	9	2	5	8		1	3				59	48		
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																													
119.	Nephritis, acute	34					2	2	2	1	1	4	1	1	3	3	5	1	3	3		3	1			17	17		
120.	Bright's disease	26											2	1	2	2	2	5	2	2	6	2				12	14		
121.	Other diseases of the kidneys and their adnexa	2													1							1					2		
122.	Calculi of the urinary tract																												
123.	Diseases of the bladder	3												1					1			1				2	1		
124.	Diseases of the urethra, urinary abscess, etc.																												
125.	Diseases of the prostate	1																	1							1			
126.	Non-venereal diseases of the male genital organs																												
127.	Metritis																												
128.	Hæmorrhage, uterine, non-puerperal																												
129.	Tumor, uterine, non-cancerous	3											1		1				1								3		
130.	Other diseases of the uterus																												
131.	Cysts and other tumors of the ovary																												
132.	Other diseases of the female genital organs																												
133.	Diseases of the breast, non-puerperal (cancer excepted)																												
	Total of genito-urinary	69					2	2	2	1	1	4	4	3	7	6	7	6	6	7	6	2				34	35		
VII. Puerperal State.																													
134.	Accidents of pregnancy																												
135.	Hæmorrhage, puerperal																												
136.	Other accidents of labor	3								1	1		1														3		
137.	Septicæmia, puerperal	2										1		1													2		
138.	Albuminuria and puerperal eclampsia,	1								1																	1		
139.	Phlegmasia alba dolens, puerperal																												
140.	Other puerperal accidents—sudden death																												
141.	Puerperal diseases of the breast																												
	Total puerperal	6								1	1	1	1	1	1												6		
VIII. Diseases of the Skin and Cellular Tissue.																													
142.	Gangrene	1																	1								1		
143.	Furuncle (carbuncle)																												
144.	Phlegmon, warm abscess	1							1																		1		
145d.	Other diseases of the skin and its adnexa	1	1				1																			1			
	Total skin tissue	3	1				1		1										1							1	2		
IX. Diseases of the Organs of Locomotion.																													
146.	Affections of the bones (non-tuberculous)	3	3				3																				3		
147.	Arthritis and other affections of the articulations (tubercle and rheumatism excepted),																												
148.	Amputation																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for October, 1906.	AGE.																				SEX.						
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.																						Males.	Females.			
IX. Diseases of the Organs of Locomotion.—Concluded.																												
149. Other affections of the organs of locomotion																												
Total organs locomotion		3	3				3																					3
X. Malformations.																												
150. Malformations, congenital (still-births excepted)		9	9				9																				4	5
XI. Early Infancy.																												
151. Congenital debility, icterus and sclerema		81	81				81																				50	31
152. Other diseases appertaining to infancy,																												
153. Lack of care																												
Total early infancy		81	81				81																				50	31
XII. Old Age.																												
154. Senile debility		20																1		2	3		5	5	4		11	9
XIII. Affections Produced by External Causes.																												
155. Suicide by poison		3											1		1	1											3	
156. Suicide by asphyxia																												
157. Suicide by hanging or strangulation		1																		1							1	
158. Suicide by submersion		1										1															1	
159. Suicide by firearms		4										1		1	1					1							4	
160. Suicide by cutting instruments																												
161. Suicide by jumping from high places																												
162. Suicide by crushing																												
163. Other suicides																												
164. Fractures		8											1		1	1	1	1			1		1	1		5	3	
165a. Luxations																												
166. Other accidental traumas		30				1	1	5	1	1	1	2	3	1	1	5	4	2	2	1						28	2	
167. Burns and scalds		9			3	1		4		1					1	1		1	1							6	3	
168. Burns by corrosive substances																												
169. Insolation																												
170. Freezing																												
171. Electrical disturbances																												
172. Accidental submersion		4										1		1	1	1										4		
173a. Inanition																												
174. Absorption of deleterious gases (suicide excepted)		7									2	2	1					1				1				3	4	
175. Other acute poisonings		1											1													1		
176. Other external violence		8	1	1			2		2	1				1	1					1						5	3	
Total affections, etc.		76	1	1	3	1	1	7	5	2	3	5	6	7	4	7	9	5	5	4	2	2	1	1	1	61	15	
XIV. Ill-defined Diseases.																												
177. Dropsy																												
178. Sudden death																												
179. Non-specified or ill-defined causes of death		6	1	2		1	4							1											1		1	5
Total ill-defined diseases		6	1	2		1	4							1											1		1	5
Total from all causes,		906	186	34	13	6	8	247	22	17	19	27	51	38	45	53	53	60	41	59	55	40	33	21	16	5	457	449

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. *Tenement houses including four or more families, 5,768. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF OCT., 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

CITY.		QUARANTINE.		CITY.		QUARANTINE.	
OCT., 1906.	OCT., 1905.	OCT., 1906.	OCT., 1905.	OCT., 1906.	OCT., 1905.	OCT., 1906.	OCT., 1905.
Cholera	—	—	—	Measles	8	172	—
Chicken-pox	30	14	—	Scarlatina	104	64	—
Cerebro-spinal Meningitis	4	2	—	Smallpox	—	—	—
Diphtheria and Croup	213	146	—	Typhus fever	—	—	—
Pulmonary and Laryngeal	—	—	—	Typhoid fever	193	123	—
Tuberculosis	178	186	—	Yellow fever	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	2,790	Cattle condemned, 17	7,552 lbs.
Calves "	1,493	Calves "	—
Sheep "	552	Sheep "	—
Hogs "	2,462	Hogs "	3 865 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	205 lbs.	— lbs.	Miscellaneous	3 bush.	
" (tainted)	—	Oysters	Fruit	—	
Poultry "	95 "	110 gal.			
Mutton "	—				
Beef "	12 "				
Pork "	33 "				
Moose meat "	882 "				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	581
" "	" " Wagons	741
" "	" brought in by Citizens	24
" "	" for bacteriological examination,	554
" "	Vinegar	94
" "	Butter and Cheese	55
Total Samples,		2,049

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	157	Other examinations:* Positive	24	
	Positive for release	107		Negative	56
	Negative for diagnosis	303		Unsatisfactory	— 80
	Negative for release	164		Positive	5
TUBERCULOSIS:	"No growth" cultures	15 . 746	GLANDERS:	Negative	14
	Positive	78		Unsatisfactory	— 19
	Negative	309		Total	1452
	Unsatisfactory	— . 387			
TYPHOID:	Positive	63			
	Negative	136			
	Unsatisfactory	21 . 220			

* Malaria, ophthalmia, gonorrhoea, rabies, spinal fluid, genito-urinary, tuberculosis, K. L. virulence, pneumococci, streptococci, influenza, etc.

* Malaria, ophthalmia, gonorrhoea, rabies, spinal fluid, genito-urinary, tuberculosis, K. L. virulence, pneumococci, xerosis, influenza, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of October, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.21	49	67	S.	0	Mean Barometer, 30.09.
2	30.09	54	82	S.E.	0	Highest Barometer, 30.62 on the 13th.
3	30.11	52	98	E.	0	Lowest Barometer, 29.19 on the 6th.
4	30.08	54	92	E.	0	Monthly Range of Barometer, 1.43.
5	29.90	58	94	E.	0	Mean Temperature, 52.5°
6	29.45	62	92	S.	.11	Highest Temperature, 76° on the 25th.
7	29.68	52	71	W.	0	Lowest Temperature, 35° on the 13th.
8	30.22	51	59	W.	0	Monthly Range of Temperature, 38°
9	29.94	59	84	S.	2.06	Greatest Daily Range of Temperature, 24° on the 9th.
10	29.72	62	82	W.	.10	Least Daily Range of Temperature, 4° on the 22nd.
11	29.85	46	68	S.W.	T	Mean Daily Range of Temperature, 13.4°.
12	30.34	45	57	N.W.	0	Mean Daily Dew-point, 45.0.
13	30.60	44	61	N.W.	0	Mean Daily Relative Humidity, 77.6.
14	30.47	46	74	W.	0	Prevailing Direction of Wind, N.E.
15	30.33	50	58	E.	0	Total Movement of Wind, 6,955 miles.
16	30.39	54	78	N.E.	0	Highest Velocity of Wind and Direction, 35 — W. on the 6th.
17	30.43	50	79	N.E.	0	Number of Foggy Days, 9. Number of Fair Days, 10.
18	30.42	52	89	N.E.	0	Number of Clear Days, 8. Number of Cloudy Days, 13.
19	30.16	59	90	E.	0	Total Number of Days on which Rain or Snow fell, 9.
20	30.14	62	90	N.E.	.45	Depth of Unmelted Snow on ground at end of month, none.
21	30.36	54	81	N.E.	.06	Dates of Auroras, none. Dates of Lunar Halos, 1, 2, 3, 24, 29.
22	30.28	52	88	N.E.	T	Dates of Solar Halos, Thunder Storms, 9th.
23	30.10	60	82	W.	T	Dates of Frosts, 12th.
24	30.24	50	74	S.E.	0	Mean Maximum Temperature, 59.2
25	29.78	62	82	S.E.	.20	Mean Minimum Temperature, 45.8
26	30.01	54	68	W.	0	MEAN TEMPERATURE for this month in
27	29.83	54	84	S.E.	.02	1871 54
28	29.64	57	68	S.W.	0	1872 52
29	29.96	44	64	W.	0	1873 54
30	30.21	44	66	S.W.	.20	1874 53
31	30.20	42	88	N.	.68	1875 50
TOTALS	—	—	—	—	3.88	1876 48
MEANS	30.09	52.5	77.6	N.E.	.125	1877 52
						1878 56
						1879 58
						1880 52
						1881 54
						1882 55
						1883 48
						1884 53
						1885 52
						1886 52
						1887 52
						1888 48
						1889 48
						1890 51
						1891 52
						1892 50
						1893 55
						1894 54
						1895 50
						1896 50
						1897 54
						1898 54
						1899 54
						1900 57
						1901 54
						1902 54
						1903 54
						1904 51
						1905 54
						1906 52
						Total Precipitation for this Month in Inches
						1871 5.68
						1872 4.85
						1873 5.33
						1874 1.89
						1875 4.99
						1876 1.66
						1877 8.84
						1878 6.76
						1879 0.91
						1880 3.15
						1881 2.84
						1882 2.29
						1883 6.40
						1884 3.17
						1885 5.71
						1886 3.27
						1887 2.53
						1888 3.58
						1889 3.31
						1890 5.63
						1891 5.56
						1892 2.81
						1893 2.94
						1894 5.11
						1895 6.19
						1896 3.15
						1897 0.41
						1898 7.17
						1899 2.40
						1900 3.41
						1901 3.02
						1902 4.36
						1903 3.95
						1904 2.13
						1905 0.82
						1906 3.88

*T indicates trace of precipitation. *Days with fog. Average mean temperature for 36 years, 53° Average monthly precipitation for 36 years, 3.87 inches.



HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of November, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demographÿ, Paris, 1900.)

Deaths during the month of November, 1906 869
Population estimated at 602,526 Rate per 1,000 inhabitants, 17.30

Total number 869

SEX.

Males 458
Females 411

CONDITION.

Single 405
Married 275
Widowed 174
Divorced 4
Unknown 11

COLOR.

White 849
Black (Negro or mixed) 20
Indian —
Chinese —
Japanese —

Total deaths of children, { Under 1 year 165
Under 2 years 194
Under 5 years 222

Diarrhœal diseases, { Under 1 year 6
Under 2 years 8
Under 5 years 8
All ages 13

NATIVITY.

United States 531
Ireland 162
England 21
Scotland 8
Germany 23
British America 63
Italy 11
Russia 13
Sweden 9
Other Countries 13
Unknown 15

PARENTAGE.

United States 185
Irish 282
English 15
Scotch 15
German 25
British American 52
Italian 35
Russian 29
Swedish 7
Other Countries 59
Mixed 63
One parent unknown 31
Unknown 71
Still-births during the month 49

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1906.	AGE.																				SEX.					
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.
I. General Diseases.—Continued.																											
41. Cancer and other malignant tumors of the peritoneum, intestines, and rectum	5									1		1						2	1							3	2
42. Cancer and other malignant tumors of the genital organs of the female	3															1		1		1							3
43. Cancer and other malignant tumors of the breast	8																	2	1								3
44. Cancer and other malignant tumors of the skin																											
45. Cancer and other malignant tumors of organs not specified	9											1	1		2	2			1				1	1		5	4
46. Other tumors (tumors of the female genital organs excepted)																											
47. Rheumatism, acute, articular	3			1			1					1									1						3
48. Rheumatism, chronic, and gout.	4																		1	1	1	1				1	3
49. Scorbutus																											
50. Diabetes	13								2		1		2	1	1		2	1	1	2						5	8
51. Goltre, exophthalmic																											
52. Addison's disease	2									1		1														1	1
53. Leukemia	2		1			1								1													2
54. Anemia, chlorosis	3														1		1	1								2	1
55. Other general diseases																											
56. Alcoholism, acute and chronic.	8										1	3		1	1		1		1							7	1
57. Saturnism																											
58. Other trade intoxications																											
59. Other chronic poisonings																											
Total general diseases	199	7	7	6	2	4	26	10	6	7	13	17	19	19	13	13	9	13	12	8	8	2	2	2		104	95
II. Diseases of the Nervous System and of the Organs of Sense.																											
60. Encephalitis																											
61. Meningitis, simple	18	5	4	2	1		12	3		1		2														10	8
61a. Meningitis, epidemic cerebrospinal	4	1	2			1	4																			2	2
62. Locomotor ataxia, progressive.																											
63. Other diseases of the spinal cord	1																1									1	
64. Cerebral congestion and hemorrhage	51	3					3			1		2	3	6	2	3	3	9	6	6	2	4	1		23	28	
65. Cerebral softening	1									1																1	
66. Paralysis, without cause assigned	3																	1		1	1				2	1	
67. General paralysis	4													1	1	1	1									3	1
68. Other forms of mental alienation	3													1				1	1							2	1
69. Epilepsy	1												1													1	
70. Eclampsia (non-puerperal)																											
71. Convulsions of children	5	5					5																			1	4
72. Tetanus																											
73. Chorea																											
74. Hysteria																											
74b. Other affections of the nervous system	9								3			1		1	1		2		1							7	2
75. Diseases of the eye and appendages																											
76. Diseases of the ear	3	1					1						1							1						3	
Total of the nervous system, etc.,	103	15	6	2	1	1	25	3		4	1	1	2	4	4	9	4	5	6	11	9	7	3	4	1	56	47
III. Diseases of the Circulatory Apparatus.																											
77. Pericarditis	1											1															1

CAUSES OF DEATH.

CAUSES OF DEATH.		Total Mortality for November, 1906.	AGE.																								SEX.		
			Under 1 year. Total under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.	
III. Diseases of the Circulatory Appa- ratus.—Concluded.																													
78. Endocarditis, acute	8		1			1		1						1		1	1				2			1			2	6	
79. Organic diseases of the heart	94	1				1			1	1	2	7	13	10	5	9	5	7	12	9	7	4	1			56	3		
80. Angina pectoris	3																		1	1	1					1	2		
81. Affections of the arteries (atheroma, aneurism, etc.)	14													1	1	1	1	3		2	2		3			10	4		
82. Embolism and thrombosis	4																2	1		1						1	3		
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																													
84. Affections of the lymphatic system (lymphangitis, etc.)																													
85. Hemorrhages	3	2					2		1																		2	1	
86. Other affections of the circulatory appa- ratus																													
Total of circulatory apparatus	127	3	1			4		2	1	1	2	8	13	12	6	13	8	11	14	14	9	4	5			72	55		
IV. Diseases of the Respiratory Appa- ratus.																													
87. Diseases of the nasal fossae	3			1		1	2				1																2	1	
88. Affections of the larynx																													
89. Affections of the thyroid body	23	10		1		1	12							1	1		1				4	2	2			13	10		
90. Bronchitis, acute	6		1				1											1	1	1	1			1		3	3		
91. Bronchitis, chronic	44	23	7	2		32	1		2			1	1	1	1		1		1	1	1	1				15	29		
92. Broncho-pneumonia	66	12	3	3		18	2		1		1	4	5	3	2	4	5	4	4	2	5	4	2			35	3		
93. Pneumonia	2																	1		1						1	1		
94. Pleurisy	2										1										1					1	1		
95. Pulmonary congestion and apoplexy . .																													
96. Gangrene of the lung																													
97. Asthma																													
98. Emphysema, pulmonary	1										1															1			
99. Other diseases of the respiratory appar- atus (phthisis excepted)	147	45	11	7		2	65	3		1	2	4	5	6	5	4	4	8	5	5	5	12	7	5	1	71	76		
Total respiratory apparatus																													
V. Diseases of the Digestive Apparatus.																													
100. Affections of the mouth and its adnexa																													
101. Affections of the pharynx																													
102. Affections of the esophagus																													
103. Ulcer of the stomach	4											1	1					1		1						2	2		
104. Other affections of the stomach (cancer excepted)	8		1	1		2			1					1	2		1						1			1	7		
105. Diarrhea and enteritis (under two years)	8	6	2			8																				3	5		
105a. Diarrhea and enteritis, chronic . . .	3																	1	1		1					1	2		
106. Diarrhea and enteritis (two years and over)	2							1						1													2		
107. Parasites, intestinal																													
108. Hernia, intestinal obstructions . . .	8												2	2	1		1	1			1					2	6		
109. Other affections of the intestines . .	3	1				1			1													1				2	1		
110. Icterus, grave																													
111. Hydatid tumors of the liver																													
112. Cirrhosis of the liver	6														1	1	1	1	1	1						5	1		
113. Biliary calculi	2										1												1			1	1		
114. Other affections of the liver	1																			1							1		
115. Affections of the spleen																													

MONTHLY STATEMENT OF DEATHS.

[illegible]

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.	Total Mortality for November, 1906.	AGE.																										SEX.	
																												Males.	Females.
		Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.				
</																													

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,806. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF NOV., 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Nov., 1906.	Nov., 1905.	Nov., 1906.	Nov., 1905.		Nov., 1906.	Nov., 1905.	Nov., 1906.	Nov., 1905.
Cholera	—	—	—	—	Measles	29	529	—	—
Chicken-pox	—	30	—	—	Scarlatina	98	116	—	—
Cerebro-spinal Meningitis . .	4	6	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	257	100	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal . . .	—	—	—	—	Typhoid fever	84	59	—	—
Tuberculosis	109	180	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,027	Cattle condemned, 49	20,193 lbs.
Calves "	945	Calves " —	"
Sheep "	185	Sheep " —	"
Hogs "	2,568	Hogs " 2	397 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.	VEGETABLES.
Veal (immature)	462 lbs.	— lbs.	Fruit . . . 39 bush.
" (tainted)	— "	Oysters	
Poultry "	7,464 "	— gal.	
Mutton "	— "		
Beef "	37 "		
Pork "	— "		

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	431
" "	" " Wagons	606
" "	" brought in by Citizens	17
" "	" for bacteriological examination,	453
" "	Vinegar	84
" "	Butter and Cheese	98
Total Samples,		1,689

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	187
	Positive for release	303
	Negative for diagnosis	520
	Negative for release	307
	"No growth" cultures	9 . 1,326
TUBERCULOSIS:	Positive	67
	Negative	273
	Unsatisfactory	— . 340
TYPHOID:	Positive	19
	Negative	116
	Unsatisfactory	13 . 148

Other examinations:*	Positive	22
	Negative	36
	Unsatisfactory	4 . . 62
GLANDERS:	Positive	17
	Negative	3
	Unsatisfactory	4 . . 24
Total		1900

* Malaria, ophthalmia, rables, gonorrhoea, leprosy, genito-urinary, tuberculous, influenza, pneumonia, paratyphoid, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of November, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	30.20	40	63	N.W.	T	Mean Barometer, 30.00.
2	30.14	38	88	N.	.01	Highest Barometer, 30.39 on the 4th.
3	30.20	49	56	N.W.	0	Lowest Barometer, 29.40 on the 18th.
4	30.36	45	53	N.W.	0	Monthly Range of Barometer, .99.
5	30.15	43	39	N.W.	0	Mean Temperature, 41.7°
6	30.00	44	46	N.W.	0	Highest Temperature, 68° on the 18th.
7	29.97	41	43	N.W.	0	Lowest Temperature, 23° on the 30th.
8	30.13	38	65	N.W.	0	Monthly Range of Temperature, 59°.
9	30.10	37	79	N.W.	T	Greatest Daily Range of Temperature, 25° on the 3d.
10	29.88	46	78	W.	.04	Least Daily Range of Temperature, 3° on the 28th.
11	29.79	42	82	E.	.98	Mean Daily Range of Temperature, 12.8°.
12	29.50	40	86	W. and N.W.	.04	Mean Daily Dew-point, 30.2.
13	29.60	34	72	W.	0	Mean Daily Relative Humidity, 66.1.
14	29.82	34	74	W.	T	Prevailing Direction of Wind, N.W.
15	29.77	36	84	N.E.	1.14	Total Movement of Wind, 8,210 miles.
16	29.54	40	78	W.	.01	Highest Velocity of Wind and Direction, 39—N.E. on the 11th.
17	29.97	42	49	W.	0	Number of Foggy Days, 1. Number of Fair Days, 9.
18	30.02	58	57	S.W.	T	Number of Clear Days, 10. Number of Cloudy Days, 11.
19	30.17	57	54	W.	0	Total Number of Days on which Rain or Snow fell, 12.
20	30.18	51	45	N.W.	T	Depth of Unmelted Snow on ground at end of month, T.
21	30.14	44	88	E.	.17	Dates of Auroras, none. Dates of Lunar Halos, 5.
22	29.86	47	80	W.	.04	Dates of Solar Halos, none. Thunder Storms, none.
23	30.12	43	64	W.	0	Dates of Frosts, none.
24	30.13	37	66	N.W.	T	Mean Maximum Temperature, 48.1 Mean Minimum Temperature, 35.3
25	30.14	42	68	W.	0	MEAN TEMPERATURE for this month is Total Precipitation for this Month in inches.
26	30.16	46	74	W.	.01	1871 37 1871 6.42
27	30.00	47	76	N. and S.W.	.01	1872 41 1872 3.66
28	30.02	32	84	N.	.09	1873 33 1873 8.34
29	30.19	28	67	N.W.	0	1874 42 1874 2.86
30	30.14	32	58	S.W.	.01	1875 35 1875 5.47
31	—	—	—	—	—	1876 44 1876 11.03
TOTALS	—	—	—	—	2.55	1877 44 1877 9.62
MEANS	30.00	41.7	66.1	N.W.	.065	1878 41 1878 5.94
						1879 39 1879 2.97
						1880 38 1880 2.30
						1881 44 1881 3.73
						1882 39 1882 1.20
						1883 43 1883 2.08
						1884 41 1884 3.03
						1885 44 1885 5.78
						1886 43 1886 3.59
						1887 42 1887 2.22
						1888 44 1888 4.97
						1889 45 1889 4.91
						1890 42 1890 0.97
						1891 41 1891 2.35
						1892 41 1892 4.46
						1893 42 1893 1.83
						1894 38 1894 3.10
						1895 45 1895 8.07
						1896 46 1896 3.70
						1897 41 1897 6.19
						1898 42 1898 5.32
						1899 42 1899 2.51
						1900 45 1900 4.17
						1901 37 1901 2.41
						1902 46 1902 1.09
						1903 40 1903 1.48
						1904 38 1904 1.70
						1905 42 1905 1.77
						1906 42 1906 2.55

*T indicates trace of precipitation. *Days with fog. Average mean temperature for 86 years, 41° Average monthly precipitation for 36 years, 4.08 inches.

HEALTH DEPARTMENT OF THE CITY OF BOSTON.



Statement of Deaths for the month of December, 1906.

Published by order of the Board of Health.

SAMUEL H. DURGIN, M.D.,

Chairman.

(Bertillon Classification as revised by Eighth International Congress of Hygiene and Demography, Paris, 1900.)

Deaths during the month of December, 1906 1,012
Population estimated at 602,526 Rate per 1,000 inhabitants, 20.15

Total number 1,012

SEX.

Males 520
Females 492

CONDITION.

Single 435
Married 343
Widowed 213
Divorced 6
Unknown 15

COLOR.

White 989
Black (Negro or mixed) 23
Indian —
Chinese —
Japanese —

Total deaths of children, { Under 1 year 158
Under 2 years 183
Under 5 years 220

Diarrhoeal diseases, { Under 1 year 11
Under 2 years 11
Under 5 years 12
All ages 14

NATIVITY.

United States 614
Ireland 193
England 25
Scotland 7
Germany 20
British America 71
Italy 20
Russia 13
Sweden 7
Other Countries 15
Unknown 23

PARENTAGE.

United States 219
Irish 316
English 22
Scotch 7
German 28
British American 40
Italian 65
Russian 29
Swedish 7
Other Countries 54
Mixed 87
One parent unknown 41
Unknown 97
Still-births during the month 42

MONTHLY STATEMENT OF DEATHS.

[illegible]

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for December, 1906.	AGE.																								SEX.		
		Under 1 year. 1 year and under 2 years. 2 years and under 3 years. 3 years and under 4 years. 4 years and under 5 years. Total under 5 years. 5 years and under 10 years. 10 years and under 15 years. 15 years and under 20 years. 20 years and under 25 years. 25 years and under 30 years. 30 years and under 35 years. 35 years and under 40 years. 40 years and under 45 years. 45 years and under 50 years. 50 years and under 55 years. 55 years and under 60 years. 60 years and under 65 years. 65 years and under 70 years. 70 years and under 75 years. 75 years and under 80 years. 80 years and under 85 years. 85 years and under 90 years. 90 years and over.	Males.	Females.																								
III. Diseases of the Circulatory Apparatus. — Concluded.																												
78. Endocarditis, acute	10										1	2	1	2	1					2	1						4	6
79. Organic diseases of the heart	115	1				1		1	1	1	2	6	7	13	13	21	9	12	14	4	8	2					60	5
80. Angina pectoris	2													1					1								1	
81. Affections of the arteries (atheroma, aneurism, etc.)	10										1					1	1	2	2	2		1				3	7	
82. Embolism and thrombosis	4									1	1				1			1									2	2
83. Affections of the veins (varices, hemor- rhoids, phlebitis, etc.)																												
84. Affections of the lymphatic system (lymphangitis, etc.)																												
85. Hemorrhages	1	1				1																					1	
86. Other affections of the circulatory appa- ratus																												
Total of circulatory apparatus	144	2				2		1	1	1	3	2	9	10	15	15	23	10	18	17	6	8	3				71	73
IV. Diseases of the Respiratory Apparatus.																												
87. Diseases of the nasal fossæ																												
88. Affections of the larynx	3	2			2						1																2	1
89. Affections of the thyroid body																												
90. Bronchitis, acute	18	3		1	1	5										2	2	4			2	2	1				6	12
91. Bronchitis, chronic	4	1			1											1				2							2	2
92. Broncho-pneumonia	41	15	2	6	1	24	1				1		1	1	3	1	1	1	2	3	1	1					16	25
93. Pneumonia	113	13	12	3	1	29				5	5	11	8	2	2	3	6	11	7	9	8	6		1			51	62
94. Pleurisy																												
95. Pulmonary congestion and apoplexy																												
96. Gangrene of the lung																												
97. Asthma																												
98. Emphysema, pulmonary																												
99. Other diseases of the respiratory appar- atus (phthisis excepted)	7					1		1	1		1	1				1			1								5	2
Total respiratory apparatus	186	34	14	9	1	3	61	2		6	6	12	10	4	3	9	10	16	8	14	13	9	2	1			82	104
V. Diseases of the Digestive Apparatus.																												
100. Affections of the mouth and its adnexa																												
101. Affections of the pharynx																												
102. Affections of the esophagus																												
103. Ulcer of the stomach	3									1				2													2	1
104. Other affections of the stomach (cancer excepted)	8	1	1			2												1										3
105. Diarrhœa and enteritis (under two years)	11	11				11																					8	3
105a. Diarrhœa and enteritis, chronic	2													1													1	1
106. Diarrhœa and enteritis (two years and over)	1			1	1																						1	
107. Parasites, intestinal																												
108. Hernia, intestinal obstructions	12	3				3	1			1	1		1	1			1		2				1				6	6
109. Other affections of the intestines	4	1				1			1							1			1								2	2
110. Icterus, grave																												
111. Hydatid tumors of the liver																												
112. Cirrhosis of the liver	9										1	1		1		3	1	1		1							8	1
113. Biliary calculi	1																		1									1
114. Other affections of the liver	4									1				2		1											2	2
115. Affections of the spleen																												

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH	AGE.																								SEX.		
	Total Mortality for December, 1906.																								Males.	Females.	
	Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.			
V. Diseases of the Digestive Apparatus.																											
—Concluded.																											
116. Peritonitis, simple (puerperal excepted),	2								1							1										1	1
117. Other affections of the digestive apparatus (cancer and tubercle excepted),	2								1					1												2	
118. Appendicitis and abscess of the iliac fossa	8		1		1	1			2		1	1		1		1										4	4
Total digestive apparatus	62	16	1	2	19	2		1	2	6	2	1	8	2	7	1	5	1	3		1	1				37	25
VI. Diseases of the Genito-Urinary Apparatus and its Adnexa.																											
119. Nephritis, acute	30								4	2	3		7	1	2	2	5	2		2						12	18
120. Bright's disease	24								2			2	2	2	5		4	4	1	2						12	12
121. Other diseases of the kidneys and their adnexa	1													1													1
122. Calculi of the urinary tract																											
123. Diseases of the bladder	3															1		1						1	2	1	
124. Diseases of the urethra, urinary abscess, etc.																											
125. Diseases of the prostate	4																2	1		1					4		
126. Non-venereal diseases of the male genital organs																											
127. Metritis																											
128. Hemorrhage, uterine, non-puerperal																											
129. Tumor, uterine, non-cancerous																											
130. Other diseases of the uterus																											
131. Cysts and other tumors of the ovary	1								1																		1
132. Other diseases of the female genital organs																											
133. Diseases of the breast, non-puerperal (cancer excepted)																											
Total of genito-urinary	63								1	6	2	8	2	9	4	7	3	11	8	1	5			1	30	33	
VII. Puerperal State.																											
134. Accidents of pregnancy																											
135. Hemorrhage, puerperal																											
136. Other accidents of labor																											
137. Septicemia, puerperal																											
138. Albuminuria and puerperal eclampsia,	2								1	1																2	
139. Phlegmasia alba dolens, puerperal																											
140. Other puerperal accidents—sudden death																											
141. Puerperal diseases of the breast																											
Total puerperal	3								1	1																2	
VIII. Diseases of the Skin and Cellular Tissue.																											
142. Gangrene	5	1				1								1		1	1	1							3	2	
143. Furuncle (carbuncle)																											
144. Phlegmon, warm abscess																											
145d. Other diseases of the skin and its adnexa	4	3				3						1													2	3	
Total skin tissue	9	4				4						1		1		1	1	1						5	4		
IX. Diseases of the Organs of Locomotion.																											
146. Affections of the bones non-tuberculous)																											
147. Arthritis and other affections of the articulations (tubercle and rheumatism excepted,																											
148. Amputation																											

MONTHLY STATEMENT OF DEATHS.

CAUSES OF DEATH.

CAUSES OF DEATH.	Total Mortality for December, 1906.		AGE.																											SEX.	
			Under 1 year.	1 year and under 2 years.	2 years and under 3 years.	3 years and under 4 years.	4 years and under 5 years.	Total under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 25 years.	25 years and under 30 years.	30 years and under 35 years.	35 years and under 40 years.	40 years and under 45 years.	45 years and under 50 years.	50 years and under 55 years.	55 years and under 60 years.	60 years and under 65 years.	65 years and under 70 years.	70 years and under 75 years.	75 years and under 80 years.	80 years and under 85 years.	85 years and under 90 years.	90 years and over.	Males.	Females.			
IX. Diseases of the Organs of Locomotion.—Concluded.																															
149. Other affections of the organs of locomotion																															
Total organs locomotion																															
X. Malformations.																															
150. Malformations, congenital (still-births excepted)	10	10					10																					5	5		
XI. Early Infancy.																															
151. Congenital debility, icterus and sclerema	62	62					62																					35	27		
152. Other diseases appertaining to infancy,																															
153. Lack of care																															
Total early infancy	62	62					62																					35	27		
XII. Old Age.																															
154. Senile debility	17																					3	5	8		1	3	14			
XIII. Affections Produced by External Causes.																															
155. Suicide by poison																															
156. Suicide by asphyxia	1																	1										1			
157. Suicide by hanging or strangulation																															
158. Suicide by submersion																															
159. Suicide by firearms	2										1						1											1	1		
160. Suicide by cutting instruments																															
161. Suicide by jumping from high places																															
162. Suicide by crushing																															
163. Other suicides																															
164. Fractures	3																		1	1	1						2	1			
165a. Luxations																															
166. Other accidental traumatism	37			1		1	1		4	4	2	7	2	2	4	1	2	6				1					35	2			
167. Burns and scalds	7			1	1	1	3	2			1		1														2	5			
168. Burns by corrosive substances																															
169. Insolation																															
170. Freezing	2												1		1													2			
171. Electrical disturbances																															
172. Accidental submersion	4												1	1		1		1										4			
173a. Inanition																															
174. Absorption of deleterious gases (suicide excepted)	5										3	1	1														3	2			
175. Other acute poisonings	1						1																					1			
176. Other external violence	8	1	1				2			1	1		1	1			1		1								5	3			
Total affections, etc.	70	1	1	1	2	1	6	4		5	9	4	9	6	3	6	4	3	9	1		1					55	15			
XIV. Ill-defined Diseases.																															
177. Dropsy																															
178. Sudden death																															
179. Non-specified or ill-defined causes of death	4	1	2				3											1										4			
Total ill-defined diseases	4	1	2				3											1										4			
Total from all causes,	1,012	158	25	19	9	9	220	14	8	20	37	51	52	65	48	65	67	70	64	64	68	42	38	13	6	520	492				

PUBLIC IMPROVEMENTS AND OTHER STATISTICS.

Area of city, 42.58 square miles, or 27,251 acres.

Miles of streets, 502.80. Asphalt 21.16, granite block 96.34, wooden block 0.91, plank on bridges 2.09, brick 0.38, cobblestone 0.30, bitulithic 5.00, macadamized 337.10, gravel 33.57, not graded 5.95. Number of buildings, including tenement houses, 85,802. * Tenement houses including four or more families, 5,830. Daily consumption of water in Boston, 89,743,900 gallons. Daily capacity of water supply, 173,000,000 gallons. Capacity of distributing reservoirs, 2,381,230,000 gallons. Capacity of storage reservoirs, 78,858,500,000 gallons. Public parks and playgrounds, 2,507.15 acres.

* A tenement house in 1891 meant 3 or more families—from 1894, 4 or more families.

COMPARATIVE STATEMENT OF CASES OF CONTAGIOUS AND INFECTIOUS DISEASES REPORTED TO THE BOARD OF HEALTH FOR THE MONTH OF DEC., 1906, AND FOR THE CORRESPONDING MONTH IN 1905.

	CITY.		QUARANTINE.			CITY.		QUARANTINE.	
	Dec., 1906.	Dec., 1905.	Dec., 1906.	Dec., 1905.		Dec., 1906.	Dec., 1905.	Dec., 1906.	Dec., 1905.
Cholera	—	—	—	—	Measles	694	505	—	1
Chicken-pox	63	40	—	—	Scarlatina	157	146	—	—
Cerebro-spinal Meningitis	11	4	—	—	Smallpox	—	—	—	—
Diphtheria and Croup	229	212	—	—	Typhus fever	—	—	—	—
Pulmonary and Laryngeal					Typhoid fever	63	45	—	—
Tuberculosis	143	151	—	—	Yellow fever	—	—	—	—

LIVE STOCK INSPECTED.—BRIGHTON ABATTOIR.

Cattle inspected	3,427	Cattle condemned, 25	10,241 lbs.
Calves "	658	Calves " —	— "
Sheep "	27	Sheep " —	— "
Hogs "	2,281	Hogs " 2	177 "

INSPECTION OF PROVISIONS.—ARTICLES CONDEMNED.

MEATS.		FISH.		VEGETABLES.	
Veal (immature)	67 lbs.	—	lbs.	Miscellaneous	70 bush.
" (tainted)	— "	Oysters	Fruit	—	— "
Poultry "	2,558 "	—	gal.		
Mutton "	— "				
Beef "	— "				
Pork "	345 "				

INSPECTION OF MILK, VINEGAR, ETC.

Examination as to Statute requirements.

Samples examined	Milk from Stores	583
" "	" " Wagons	570
" "	" brought in by Citizens	18
" "	" for bacteriological examination,	422
" "	Vinegar	56
" "	Butter and Cheese	137
Total Samples,		1,792

BACTERIOLOGICAL LABORATORY.

DIPHTHERIA:	Positive for diagnosis	198
	Positive for release	280
	Negative for diagnosis	741
	Negative for release	307
	"No growth" cultures	4 . 1,510
TUBERCULOSIS:	Positive	82
	Negative	294
	Unsatisfactory	— . 376
TYPHOID:	Positive	14
	Negative	133
	Unsatisfactory	5 . 152

Other examinations:	Positive	28
	Negative	33
	Unsatisfactory	1 . 62
GLANDERS:	Positive	3
	Negative	10
	Unsatisfactory	3 . 16
Total		2116

* Malaria, ophthalmia, rabies, syphilis, genito-urinary, tuberculosis, leprosy, virulence, paratyphoid, gonorrhoea, pleuritic fluid, etc.

METEOROLOGICAL OBSERVATIONS TAKEN AT THE WEATHER BUREAU, BOSTON,

For the month of December, 1906, as reported by J. W. SMITH, D. F. O., Weather Bureau.

DATE.	DAILY MEAN BAROMETER.	DAILY MEAN TEMPERATURE.	DAILY MEAN HUMIDITY.	PREVAILING DIRECTION OF WIND.	DAILY RAINFALL.	GENERAL ITEMS.
1	29.66	38	50	W.	0	Mean Barometer, 30.09.
2	30.02	21	36	N.W.	T	Highest Barometer, 30.73 on the 6th.
3	29.88	22	70	S.W.	.06	Lowest Barometer, 29.56 on the 6th.
4	30.10	10	54	N.W.	0	Monthly Range of Barometer, 1.17.
5	30.16	24	61	W.	0	Mean Temperature, 29.1°
6	29.76	39	94	S.W.	.52	Highest Temperature, 54° on the 6th.
7	29.88	26	56	W. and N.W.	T	Lowest Temperature, 1° on the 8th.
8	30.42	7	50	W. and N.W.	.01	Monthly Range of Temperature, 53°.
9	30.86	16	79	N.	.04	Greatest Daily Range of Temperature, 44° on the 7th.
10	30.26	30	94	N.W.	.51	Least Daily Range of Temperature, 3° on the 30th.
11	30.35	24	80	N.W.	.05	Mean Daily Range of Temperature, 15.2°.
12	30.39	17	60	N.W.	0	Mean Daily Relative Humidity, 72%.
13	30.08	30	64	N.	T	Prevailing Direction of Wind, N.W.
14	30.44	32	80	N.	0	Total Movement of Wind, 7,811 miles.
15	30.10	43	94	S.E. and S.W.	.12	Highest Velocity of Wind and Direction, 36—N.W. on the 2d.
16	30.11	42	72	W.	0	Number of Foggy Days, 7.
17	30.06	35	70	N.W.	0	Number of Fair Days, 9.
18	30.44	24	60	N.W.	0	Number of Clear Days, 5.
19	30.68	20	59	N.W.	0	Number of Cloudy Days, 17.
20	30.20	34	88	E.	.47	Total Number of Days on which Rain or Snow fell, 15.
21	29.73	40	92	S.W.	.07	Depth of Unmelted Snow on ground at end of month, 0.
22	29.78	37	89	N.	.13	Dates of Auroras, none.
23	29.85	24	72	N.W.	.17	Dates of Lunar Halos, none.
24	29.96	18	74	N.W.	T	Dates of Solar Halos, none.
25	29.61	24	84	W.	.07	Thunder Storms, none.
26	29.78	26	66	W.	.05	Dates of Frosts, none.
27	29.95	34	64	S.W.	T	Mean Maximum Temperature, 36.7
28	30.04	37	76	S.W.	.01	Mean Minimum Temperature, 21.5
29	30.25	42	82	N. and E.	0	MEAN TEMPERATURE for this month is
30	30.44	40	83	N.E.	0	Total Precipitation for this month is
31	30.21	46	90	S.E.	1.67	
TOTALS.....	—	—	—	—	3.95	
MEANS.....	30.09	29.1	72	N.W.	.127	
						1871 28 1872 24 1873 31 1874 31 1875 29 1876 22 1877 30 1878 82 1879 26 1880 38 1881 30 1882 29 1883 33 1884 33 1885 29 1886 32 1887 36 1888 38 1889 26 1890 41 1891 30 1892 30 1893 32 1894 36 1895 30 1896 34 1897 32 1898 36 1899 33 1900 32 1901 29 1902 29 1903 26 1904 35 1905 29 1906 3.38 1871 3.38 1872 3.29 1873 5.64 1874 2.14 1875 0.75 1876 3.71 1877 1.82 1878 6.76 1879 5.36 1880 3.42 1881 3.89 1882 2.65 1883 3.71 1884 4.46 1885 2.09 1886 3.66 1887 2.71 1888 4.38 1889 1.83 1890 3.72 1891 3.58 1892 1.12 1893 5.16 1894 4.23 1895 2.45 1896 1.70 1897 3.92 1898 2.19 1899 1.52 1900 2.25 1901 8.49 1902 4.48 1903 2.57 1904 2.62 1905 3.23 1906 3.85

*T indicates trace of precipitation. *Days with fog. Average mean temperature for 36 years, 31° Average monthly precipitation for 36 years, 3.89 inches.



